#### CBI REVIEW TRANSMITTAL FORM

RIN: $1349-08$ LOG NUMBER: $6380$
CASEWORKER: Whites
DOCUMENT ID: Reg Lile - EPA Reg No. 2724- 473
COMPANY REQUESTS OWN DATA: YES / NO DOCUMENTS SUBMITTED WITH THIS TRANSMITTAL WILL CLOSE THE CASE: YES / NO
SPECIAL INSTRUCTIONS:
1ST REVIEW COMPLETED
DATE: 6/3/15 INITIALS: 100 REVIEW TIME: 2/4/16
2ND REVIEW COMPLETED
DATE VWO INITIALS SO REVIEW TIME DIAG
REDACTIONS REQUIRED: YES YNO
Please remember that before redactions are made, the requestor must be notified concerning the existence of CBI or potentially CBI information contained within the records(s). If the requestor determines that CBI information identified in the 1 <sup>st</sup> and 2 <sup>nd</sup> review process is responsive to their request, return the record(s) in their entirety to the second reviewer for further action. If the requestor determines that CBI information is not responsive to their request, the redaction process can commence. Once the redactions are completed, return the records to the second reviewer for a quality control check before copying.
REDACTIONS COMPLETED:
DATE 7/14/08 INITIALS TO REVIEW TIME 10 mm
QUALITY CONTROL CHECK (TO BE COMPLETED BY THE 2 <sup>ND</sup> REVIEWER):
DATE VILLS INITIALS SIGNATURE

#### DATA REVIEW SHEET

	DATA REVIEW SHEET	Log Number:
		Page of
RIN: 1249-UP	Caseworker:	ritas
Document Identification:	PA Ryn, 2724-	43
- N 0	7	
Registered Product (Yes/No/n.a.) Tolerance Granted (Yes/No/n.a)	Transferred (Yes/No/n.a.) Transfer History:	

Page No.	Reviewer 1	Reviewer 2 Than Short	Requestor comment
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67	do specked inert	Calland In all pA	
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EPA REGIST	RATION NUMI	BER 2724-473		
	•	•		

# BPPD PRAT ACTION CODING FORMS

REGISTRANT/COMPANY NAME:			rack Set Oli	Filia
WellMark Interne	fonal	<del></del>	ve: <u>FFF K-W</u> ed by <u>Ddb.</u> 12-	17-03
EPA REGI/FILE SYMBOL 2104-4	173	(Notes	/f ನಿವಾಸ ಕೌನವಾಸ, ಜನಾಲ ಪ	izy
ACTION CODE 300			i chempa Ramawar's im PRAT.]	
(New A.I/EUP'S/Toleracces: YesC, No	»⊊» /	?evise	first air	Q '
DATE OF APPLICATION	102	stateme	nt + oth	in
EPA RECEIVED DATE 1/30/0	2.	minar	Change	2
BPPD RECEIVED DATE 18/13/0	2		•	
SUBMISSION BARCODE Salb	723			
ASSIGNED IN PRAT: Yes No C	**************************************			
COMPLETED BY Tibelled DATE	S0100			
LOGGED IN BRATS: Yes No DAT	E 12/33/12 CO	OMPLETED BY	<u> </u>	
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ત. ત	٠ ١٤ عيامي عي <sup>ا</sup> مي عيام	راها الخراجاء الخراجاء	وعرأع عرعيع عرع	લ્યુલ્યું લ્યું લ્યુ
FINAL ACTION				
RESPONSE CODE:				
RESPONSE DATE:				
MOS:(1) Citz All(4) Not Applicable(8) Selective	CRP Reservened Lise: Manufacturing Li Enclusive Lise:		No II No II No II No II	

RAL:	Jiv	m D	عامسه	9
				7

#### Expedited (1 Week) Confidential Statement of Formula Review

Reg.	No. / File Symbol: $\sqrt{24-4/3}$	
CSF :	Date: 3-16-2001	
Basic	or Alternate Formula: alt. form.	
Food	Use (Yes or No): N (cottle premit)	
	Given to Reviewer: <u>3-27-2001</u>	
Revie	wer Signature and Date: Paul L. Lubkff	- pingga William
	s (Unacceptable or Acceptable):	agay <sup>4800 halossonro</sup>
a)	Completely filled out including pH, flashpoint, flammability, etc. if applicable	YES _ NO _
b)	Totals are accurate	YES _NO _
c)	Certified limits agree with 40 CFR 158.175 or 5 batch analysis	YESNO
d)	PC codes assigned on CSF for inerts and 40 CFR 180.1001 c, d, or e codes noted for products that have food or feed uses	YES <u>►</u> NO _
e)	No inerts on list 1 present	YES <u>~</u> NO _
f)	CSF is signed and dated	YES <u>~</u> NO _
g)	Registered source for a.i.	YES NO _
a)	Alternate formula(s) do not require different labeling from basic or other alternate formulas?	YES NO

CAS Ry No on 16.4 15 NOT CORRECTED CONSCIENT



### CONFIDENTIAL BUSINESS INFORMATION

#### MEMORANDUM

Date:

May 25, 2001

SUBJECT:

CSF Review

Altosid® 10% Cattle Premix

Reg. No. 2724-473

Alternate Formulation

March 16, 2001

Wellmark International Steven R. Spaulding/

847-330-5380

TO:

Jim Downing, RAL Biochemical Pesticides Branch

Biopesticides and Pollution Prevention Division 7511C

FROM:

Paul Zubkoff, Ph.D., Chemist

Biochemical Pesticides Branch

Biopesticides and Pollution Prevention Division 7511C

Subject:

**CSF Review** 

Deficiencies

<u>Deficiency</u>

Comment

Remediation Needed

10.4

<u>ltem</u>

CAS Reg. No. is not correct

#### Registrant must correct the CAS Reg. No.

11,1 Mail Code of Supplier is omitted Registrant needs to supply mail code Registrant needs to supply mail code 11.2 Mail Code of Supplier is omitted Registrant needs to supply mail code 11.3 Mail Code of Supplier is omitted Registrant needs to supply mail code 11.4 Mail Code of Supplier is omitted

INEXT ENGATENT ENGLISHED IN NOT INCLIDED

Biochemical Pesticides Branch

RAL:	Jim	Downin	q

#### Expedited (1 Week) Confidential Statement of Formula Review

Reg.	No. / File Symbol: 2724-473		٠
CSF	Date: 3-16-2001	/	
Basic	or Alternate Formula: Whyself Bhsic	GARMUNG TIND	
Food	Use (Yes or No): N (cottle fremit)		
Date	Given to Reviewer: 4 27-2001		
Revie	ewer Signature and Date: Paul Zaskff 5/2	5/01	
Statu	s (Unacceptable or Acceptable):	- An Assessment	
a)	Completely filled out including pH, flashpoint, flammability, etc. if applicable	YESNO	A STATE OF S
b)	Totals are accurate	YES <u>~</u> NO _	
<b>c</b> )	Certified limits agree with 40 CFR 158.175 or 5 batch analysis	YES _NO _	
d)	PC codes assigned on CSF for inerts and 40 CFR 180.1001 c, d, or e codes noted for products that have food or feed uses	YES NO	E.
e)	No inerts on list 1 present	YES _NO _	
f)	CSF is signed and dated	YES NO _	·
g)	Registered source for a.i.	YES _NO _	
a)	Alternate formula(s) do not require different tabeling from basic or other alternate formulas?	YES NO	
		The second secon	

See A Hachel

Registration / Surviva TO SOND MEDE SHOOT Little and Comparition with impunities Little CSF corrected 4



#### CONFIDENTIAL BUSINESS INFORMATION

#### MEMORANDUM

Date:

May 25, 2001

SUBJECT:

CSF Review

17/6

Altosid® 10% Cattle Premix

Reg. No. 2724-473

Basic Formulation March 16, 2001 Wellmark International Steven R. Spaulding

847-330-5380

TO:

Jim Downing, RAL

Biochemical Pesticides Branch

Biopesticides and Pollution Prevention Division 75116

FROM:

Paul Zubkoff, Ph.D., Chemist

Biochemical Pesticides Branch

Biopesticides and Pollution Prevention Division 7511C

Subject:

Deficiency

CSF Review - Deficiencies

Remediation Needed

10.4

Trade Name is not known to Agency

Registrant / Supplier needs to forward MSDS Sheet with CAS Reg. No., name and composition (including percentages of impurities). This information may to furnished directly to the Agency by the supplier on a confidential (CBI) basis, if desired

11.1	Mail Code of Supplier is omitted	Registrant needs to supply mail code
11.2	Mail Code of Supplier is omitted	Registrant needs to supply mall code
11.3	Mail Code of Supplier is omitted	Registrant needs to supply mail code
11.4	Mail Code of Supplier is omitted	Registrant needs to supply mail code

Comment

DEZI BICKETENE DISCENSATION IS NOT INCLUDED

# BPPD PRAT ACTION CODENG. FURM

PM 90: Janet And	ersen		EWER: / Mu / GNED BY: wil	maleso
EPA REG./FILE SY ACTION CODE_3	MBOL 2774-4;	73	Notifican	ron
- <del></del>	lerances: Yes^	No)		
	CODE <u> S59560</u>			
DATE ON APPLIC	ation 3/16/0	1	•	
EPA RECEIVED D	ATE 3/20/0/	·		
PM RECEIVED DA	TE 3/28/0/	orbonoloon sugarished		
ASSIGNED IN PRA	T: YES X NO_	aus armanatris	1 (	
COMPLETED BY:	T. Bethea	DATE:	4/13/01	- due 6/18/01
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FINAL ACT	ION		file room	
Response Code 3	1			
Response Date: 1-4	-07:	*		
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with the state of	_ (4) Not Applicable			
Material property and the state of the state	_ (8) Selective			
CRP:	YesNo	94************************************		
Restricted Use:	Yes No			
Manufacturing Use:	Yes	man-cusic		6
Esciusive Use:	The same and the s	occupations of		

## BPPD PRAT ACTION CODING FORM

Well Mark International PM 90: Janet Andersen	REVIEWER: Jon Downing (ASSIGNED BY: Mile miles)
EPA REG./FILE SYMBOL 2724	<u>-473</u>
ACTION CODE 348	AmendmenT
(NEW a.i./EUPs/Tolerances: Yes	
SUBMISSION BARCODE S595	<u>596</u>
DATE ON APPLICATION 3	
EPA RECEIVED DATE 3/20	
PM RECEIVED DATE \$ 42	[b[
ASSIGNED IN PRAT: YES_X	NO
COMPLETED BY: 1. Bethe	a DATE: 4/13/0/
	PERSONNE (AUSI)
FINAL ACTION	
Response Code	
Response Date:	`,
MOS:(1) Cite-All	•
(4) Not Applica	ple
(8) Selective	
CRP: Yas	No
Restricted Use: Yes	No
Manufacrering Use: Yes	7

A STATE CONTRACTOR OF THE STATE OF THE STATE

Exclusive Use:

FRONT END PROCESSING APPLICATION	ON INFORMATION CHECK LIST
PM_9/	
EPA COMPANT NUMBER 2724 -	¥73
EPA REGISTRATION NUMBER STATUS (FOR AMENDMENTS)	ACTIVECANCELLED NOT IN REFS
"ME-TOO" CITED PRODUCT STATUS	ACTIVE CANCELLED NOT IN REFS
OPP#_254488DATE	3-23-01

AMENDMENT

APPLICATION FOR AMDENDMENT

WITH DATA

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#### WITHOUT DATA

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PM			
	OPP#_28	4488	

9



#### UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

WASHINGTON, D.C. 20460

03/28/2001

STEVE SPAULDING
WELLMARK INTERNATIONAL
1100 EAST WOODFIELD ROAD, SUITE 500
SCHAUMBURG IL 60173

OFFICE OF PREVENTION, PESTICIDES AND TOXIC SUBSTANCES

PRODUCT NAME: ALTOSID 10% CATTLE PREMIX COMPANY NAME: WELLMARK INTERNATIONAL OPP IDENTIFICATION NUMBER: 284488 EPA REGISTRATION NUMBER: 2724-473 EPA RECEIPT DATE: 03/20/2001

SUBJECT: RECEIPT OF AMENDMENT

DEAR REGISTRANT:

The Office of Pesticide Programs has received your application for an amendment and it has passed an administrative screen for completeness.

During the initial screen we determined that the application qualifies for fast track review. The package will now be forwarded to the Product Manager for review to determine its acceptability.

If you have any questions, please contact Sheryl Reilly, Product Manager 91, at (703) 308-8269.

Sincerely,

AWrice

Front End Processing Staff

Information Services Branch
Program Management and Support Division

## BPPD PRAT ACTION CODING FORM

PM 90: Janet Ander	esen	REVIEWER:(ASSIGNED BY:	J. Downing SKR
EPA REG./FILE SYM	IROL 7774-47	73	,
_			
ACTION CODE 34	<u></u>	Amenda	neat
(NEW a.i./EUPs/Tole	rances: Yes/N	0	10
SUBMISSION BARC	ODE 557655C	<u> </u>	
DATE ON APPLICAT	fion 2/23/00	SALEMPTONO	
EPA RECEIVED DAT	re 2/24/00	<del></del>	
PM RECEIVED DAT	E 2/28/00	<del></del> .	
ASSIGNED IN PRAT	: YES_\( \) NO_	· —	ı
COMPLETED BY:	T. Bethea D	ATE: 3/9/00	
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FINAL ACTIO	ON		
Response Code			•
Response Date:	<u>-</u>		
MOS:	(1) Cite-All		
	(4) Not Applicable		
	(8) Selective		
CRP:	YesNo		
Restricted Use:	YesNo		
Manufacturing Use:	Yes No		
Exclusive Use:	Yes No		11

# FRONT END PROCESSING APPLICATION INFORMATION CHECK LIST PM 9/ EPA COMPANY NUMBER 2724-473 EPA REGISTRATION NUMBER STATUS ACTIVE CANCELLED (FOR AMENDMENTS) NOT IN REFS "ME-TOO" CITED PRODUCT STATUS ACTIVE CANCELLED NOT IN REFS

DATE 2-25-00

OPP# 221419

**AMENDMENT** 

#### APPLICATION FOR AMENDMENT

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INIT.	DATE	INIT.	DATE
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SIG (DATA)		PM 9/	
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OPP#_27/	419		



#### UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

WASHINGTON, D.C. 20460

02/25/2000

STEVEN R. SPAULDING WELLMARK INTERNATIONAL 1000 TOWER LANE, SUITE 245 BENSENVILLE IL 60106

OFFICE OF PREVENTION, PESTICIDES AND TOXIC SUBSTANCES

PRODUCT NAME: ALTOSID CATTLE PREMIX COMPANY NAME: WELLMARK INTERNATIONAL OPP IDENTIFICATION NUMBER: 271419 EPA REGISTRATION NUMBER: 2724-473

EPA RECEIPT DATE: 02/24/2000

SUBJECT: RECEIPT OF AMENDMENT

DEAR REGISTRANT:

The Office of Pesticide Programs has received your application for an amendment and it has passed an administrative screen for completeness.

During the initial screen we determined that the application qualifies for fast track review. The package will now be forwarded to the Product Manager for review to determine its acceptability.

If you have any questions, please contact Sheryl Reilly, Product Manager 91, at (703) 308-8269.

Sincerely,

HIRLE

Front End Processing Staff Information Services Branch Program Management and Support Division

# BPPD PRAT ACTION CODING FORM

PM 90: Janet Andersen	REVIEWER: NGC50N
EPA REGJFILE SYMBOL 2724-473	3
ACTION CODE 300	
SUBMISSION BARCODE	enange from minimo
Date on Application 4 1/8/97	norhinal
EPA Received Date 4 121197	
PM Received Date / /	
Assigned in PRAT_YESNO_	**************************************
Completed by: s. Diana Hudson	Date
	000000000000000000000000000000000000000
FINAL ACTION	
Response Code	
Response Date: / /	
MOS: (1) Cite-All	
(4) Not Applicable	•
(8) Selective	,
CRP: Yes No_	: :
Restricted Use: Yes No_	
Manufacturing Use: Yes No_	monuments and the second secon
Exclusive Use: Yes No.	•



## UNITED STATES ENVIRONMENTAL PROTECTION AGENCY WASHINGTON, D.C. 20460

October 9, 1996

-SANDOZ AGRO, INC 1300 E. TOUHY AVE DES PLAINES, IL 60018

OFFICE OF PHEVENTION, PESTICIDES AND TOXIC SUBSTANCES

ATTN: STEVEN R SPAULDING

PRODUCT NAME: ALTOSID 10% CATTLE PREMIX

COMPANY NAME: SANDOZ AGRO, INC.

OPP IDENTIFICATION NUMBER: 243422 EPA FILE SYMBOL: 2724-UTG EPA RECEIPT DATE: 10/09/96

SUBJECT: RECEIPT OF APPLICATION FOR A NEW REGISTRATION

DEAR REGISTRANT

The Office of Pesticide Programs has received your application for a new registration, and it has passed an administrative screen for completeness.

Please note that this is only a notification of receipt of your application. This is only the first step in the application process, and does NOT constitute approval.

If you have any questions, please contactPhil Hutton, Product Manager 90 at (703)308-8260.

Sincerely,

Pront End Processing Staff Information Services Branch

Program Management and Support Division



#### CORPORATE HEADQUARTERS

TEL 847.699.1616

Office Of Pesticide Programs (7504C)
U.S. Environmental Protection Agency
Crystal Station - 5th Floor
2805 Jefferson Davis Highway
Arlington, VA 22202

October 1, 1996

Attn:

Mr. Willie Nelson

Subject:

ALTOSID 10% Cattle Premix - Custom Blending

New End-Use Product Registration Formulator's Exemption Statement

Dear Mr. Nelson:

As a followup to our telephone conversation this morning, please find enclosed a completed Formulator's Exemption Statement and Confidential Statement of Formula (CSF) to complete our "no data" submission for an end-use product registration for ALTOSID 10% Cattle Premix for custom blending. Please include this form and CSF with the original submission dated September 19, 1996.

Please contact me at (847) 390-3007 if you have any questions.

Yours Sincerely, SANDOZ AGRO, Inc.

Steven R. Spaulding

Manager, Regulatory Affairs

Consumer and Animal Health Products

#### BPPD PRAT ACTION CODING FORM

EPA REG. FILE SYMBO	L 2724 - C	076-
ACTION CODE /60	· · · · · · · · · · · · · · · · · · ·	
SUBMISSION BARCOD	E <u>(5/2850</u>	Chatement/CDF
PM 90: Janet And	erser	Chotement/CSF
REVIEWER: NELS	ON	
Date on Application	101 1 19596	Edillie: I used PC 105 401
EPA Received Date	101 9 19596	to onter into PRAT because the Chamical of unknown,
PM Received Date /	0115 19896	,
Assigned in PRAT YES	NO	•
Completed By: Milwina	Lockless Da	ne 10-15-96
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Response Code	orderators-concentrations	
Response Date: /	195	
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	t Applicable	
Section of the sectio	etive	•
CRP:	YesN	
Restricted Use:	Yes N	*Adatto see (COURT HEAD)*
Manufacturing Use:	Yes N	© exactation to definite the second s
Exclusive Use:	Yes N	· ·

# EAST TRACK

**Expedited Processing** 

Wille Welling

10/0/96

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#### NEW REGISTATION OR NEW EUP

#### FAST TRACK \* APPLICATION FOR NEW REGISTRATION WITH DATA NO DATA Init. Date Init. Date FEU FEU FilerJom/JACKETS \_\_\_\_ Fileroom/JACKETS SIG (DATA) PM \_\_\_\_\_\_ Fileroom/JACKETS \_\_\_\_ PM \_\_\_\_\_ REGULAR APPLICATION FOR NEW APPLICATION OR EXPERMENTAL USE PERMIT Includes new petition for Tolerance: YES or NO WITH DATA NO DATA Init. Date Inic. Date PEU Fileroom/JACKETS Fileroom/JACKETS \_\_\_\_ PM (/) SIG (DATA) Fileroom/JACKETS \_\_\_\_

<sup>\*</sup> Front End Processing determined this application qualifies for fast track review based of registrants claim OF "me-too". No screen for substantial similarity is made by the Front End Processing Section.

#### FROMT END PROCESSING APPLICATION INFORMATION CHECK

PM /	
EPA COMPANY NUMBER	
EPA REGISTRATION NUMBER STATUS (For Amendments)	ActiveCancelled
UMD many	Not in REFS
"ME-TOO" CITED PRODUCT STATUS	ActiveCancelled
PRAT RECORD CREATED	Not in REFS

#### **BPPD** Label Amendment Check List

EPA Reg. No.: 2724-473

Application Date: 11/18/07

RAL:

Check List current as of 10-19-2001

No.	Check List Item	Yes	No
1,	Application Form (EPA Form 8570-1) -signed & complete including package type?  If NO, STOP! Call applicant and have them correct application and resubmit.		
la.	Fast-Track?	V	
2.	Amendment covered by PR Notice 98-10 (Notifications)? If YES, STOP. Call applicant and inform them that this submission will be converted to a notification. After closing out in PRATS, forward to Notification Review Coordinator.		V
3.	Final printed labeling received for previous action? If NO. Stop! E-mail applicant and request final printed labeling (FPL). Inform them that FPL from the last accepted label is needed to support the current application. File e-mail as record of notification. Log out of PRATS (label deficiency).	1/	
4.	Data and Data Matrix (EPA Form 8570-35)	N	A
	a) using Selective Method? [If NO, (Data Matrix not required), skip to Item 5.]		
	<ol> <li>Complete Data Matrix. Minimum Data Matrix for registration includes: Product specific acute tox and product chemistry data, plus Efficacy data for Public Health pests claimed on label.</li> </ol>		
	b) Adequate Product Specific data		
a	e) Registered source used for active ingredient? If Yes, active ingredient is from a registered source and generic data should be satisfied by registered source. Skip to Item 5. If No, generic data is necessary.		
	d) Data passed 86-5? (Data formatting PR Notice)		
	e) Public copy of Matrix provided? (As required by PRN 98-5)	)	
5.	Certification with Respect to Citation of Data (EPA Furm 8570-34) See 40 CFR 152.80-98 and PR Natice 98-5 [Note: If no data are required or submitted, a Certification with Respect to Citation of Data form is not needed. This is often true for minor amendments.]	N	A
	a) Did applicant check a Method of Support?		
_	b) General Offer to Pay checked for Cite-all Method or Cite-all under Selective Method?		
	e) is the form signed and dated?		
	d) Check form and Data Matrix; are Exclusive Use data cited from other sources?	<u> </u>	
	1.) If Yes, is the required authorization letter included in application?		
6.	Label(s) Review Date of Label Review:	1,0/0	3
a.	Label(s) agrees with corrent Label Review Manual and appropriate REDS	سي	
b.	Labeling from acute tox, product chemistry, and efficacy data (Public Health pests)	1	
c.	Nondital concentration of active ingredient shown in ingredients statement	~	
ď,	Viability included as substatement of Ingredient Statement (if five microbial, e.i., cfii/gram)	MA	
e.	Storage and disposal instructions agree with container types listed on application form		
f.	Unique Product Name for Same Company (Check REFS)	/	
g.	Labeling is acceptable. Corrections or changes are NOT oecessary.	23	

Nancy Huest Fax 847-330-5315

1/14/02

804 RTG NO.

#### United States Environmental Protection Agency

#### JAN 14 2003

Wellmark International c/o Ms. Nancy Huebl 1100 East Woodfiel Road Suite 500 Schaumburg, IL 60173

Subject:

Lahel Amendment Application dated: 11/18/02

Product: Altosid 10% Cattle Premix

EPA Reg. No.: 2724-473

Dear Ms. Huebl:

The amendment referred to above, submitted in connection with registration under FIFRA section 3(c)(7)(A), is acceptable provided that you:

- 1. Submit and/or cite all data required for registration/reregistration of your product under FIFRA section 3(c)(5) when the Agency requires all registrants of similar products to submit such data.
- 2. Submit five (5) copies of your final printed labeling before you release the product for shipment. Final printed labeling means the label or labeling of the product when distributed or sold. Clearly legible reproductions or photo reductions will be accepted for unusual labels, such as those silk-screened directly onto glass or metal containers or large bags or drum labels.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA scetion 6(e). Your release for shipment of the product bearing the amended labeling constitutes acceptance of these conditions.

A stamped copy of the label is enclosed for your records.

Sincerely yours,

Sheryl Reilly, Ph.D.

Chief

Biochemical Pesticides Branch Biopesticides and Pollution

Prevention Division (7511C)

SURNAME

DATE

PA Form 1320-1 (12-70)

CONCURRENCES

CONCURRENCES

CONCURRENCES

CONCURRENCES

25

CONCURRENCES

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JAN 14 2003
Under the Pederal Insecticities, Progression and Recognition Act. On operational conditions of the posterior RPA Bog. No. 2724-973

[]indicates optional statements

#### ALTOSID® 10% CATTLE PREMIX

To prevent the breeding of hom flies in the manure of treated cattle

ACTIVE INGREDIENT:

S-Methoprene (CAS #65733-16-6) 10.5%

OTHER INGREDIENTS: 89.5%

Total 100.0%

## KEEP OUT OF REACH OF CHILDREN CAUTION

See the side/back panel for First Aid and Precautionary Statements

EPA Reg. No. 2724-473 EPA Est. No.

Net Wt.

#### General Information

ALTOSID® 10% Cattle Premix is a premix which, when blended into a cattle ration according to the Directions for Use given below, will control horn flies which develop in cattle manure. ALTOSID 10% Cattle Premix is intended for use only in cattle.

#### DIRECTIONS FOR USE

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.

#### Blending and Feeding ALTOSID 10% Cattle Premix

ALTOSID 10% Cattle Premix interrupts the development of the hom fly in the manure of treated cattle [prevents the breeding of horn flies in the manure of treated cattle][prevents emergence of adult horn flies from the manure of treated cattle]. Begin use in the spring before horn flies appear on cattle and continue feeding until cold weather restricts horn fly activity.

ALTOSID 10% Cattle Premix rations may be fed to beef and dairy cattle, including breeding cattle, lactating cattle, and calves. When used as directed, rations containing ALTOSID 10% Cattle Premix may be fed up to slaughter, and to lactating dairy cows without withholding milk.

This product can be used in complete feeds, concentrates, hand feeds, or loose or block mineral or protein supplements.

ALTOSID 10% Cattle Premix is fed to cattle at the level of **340 mg of ALTOSID 10% Cattle**Premix/100 **lb body weight/month** or 22.7 – 45.4 mg of S-methoprene/100 lb. of body weight per month to achieve horn fly control. This rate is equal to 11.3 mg ALTOSID 10% Cattle Premix/100 lb body weight/day. The calculations in the chart below assume a 1000 pound animal as the head weight; see chart for mixing directions:

FEED PRODUCT	DAILY FEEDING RATE	RATIO OF SUPPLEMENT TO FEEDSTUFFS	ALTOSID 10% Catille Premix IN SUPPLEMENT mg/lb {%}	ALTOSID 10% Cattle Premix IN FEED mg/lb (%)	GRAMS ALTOSID 10% Catile Premix/ TON OF FEED PRODUCT g/ton
Complete Feed	2.6 lb/cwt	-	-	4,3 (0.001)	8.7
Supplement or Premix	-	1:9	44 (0.01)	4.3 (0.001)	87
for Preparing	-	1:19	87 (0.02)	4.3 (0.001)	174
Complete Feeds		1:39	174 (0.04)	4.3 (0.001)	348
	<u> </u>	1:79	348 (0.08)	4.3 (0.001)	696
Complete Feed	3.5 lb/cwi*	-	-	3.2 (0.0007)	6.5
Supplement or Premix	-	1:9	32 (0.007)	3.2 (0.0007)	65
for Preparing		1:19	65 (0.014)	3.2 (0.0007)	130
Complete Feeds	, .	1:39	129 (0.028)	3.2 (0.0007)	260
		1:79	258 (0.0 <u>56)</u>	3.2 (0.0007)	520
Concentrate Fed with Roughage	1.0 lb/cwt	-	•	11.3 (0.0025)	22.6
Supplement or Premix		t:9	113 (0.025)	11.3 (0.0025)	226
for Preparing	} -	1:19	226 (0.05)	11.3 (0.0025)	452
Concentrate Feeds	-	1:39	452 (0.10)	11.3 (0.0025)	904
	-	1:79	904 (0.20)	226	1808
Supplement for	2.0 lb/nead		57 (0.013)	-	113
Hand Feeding	1.5 lb/head	{ -	75 (0.017)	1 -	i 151
	1.0 lb/head	-	t13 (0.025)	į -	226
	0.5 lb/head	l	226 (0.050)		452
Mineral Mix	8.0 oz/head	-	226 (0.05)		452
Block	4.0 oz/head	-	452 (0.10)	<u>.</u> -	904
Molasses Mineral Tub	3.0 oz/head	] -	603 (0.13)	<b>[</b> -	1206
Molasses Protein Tub	2.0 oz/head	-	904 (0.20)	-	1808
	1.0 oz/250 lb	-	452 (0.10)	-	904
	1.0 oz/500 lb	-	904 (0.20)	] -	1808
	1.0 oz/750 lb	( -	1356 (0.30	<b>!</b> -	2712

<sup>\*</sup> Consumption level of total ration formulated for lactating dairy cattle at 3.5% body weight intake.

#### Important Note to Feed Mill Operators

- ALTOSID 10% Cattle Premix is a light fluffy product and therefore, whenever possible, the material should be added directly to the mixer. Elevators, long free-fall gravity chutes, etc. should be avoided.
- It is critical in order to avoid loss of the low density premix that additions be made under conditions
  of low air turbulence or flow (shut off exhaust systems during ALTOSID 10% Cattle Premix
  addition).
- Whenever possible, add the ALTOSID 10% Cattle Premix after the addition of the liquid components and blend to homogeneity.

#### When and How to Use ALTOSID 10% Cattle Premix

Use ALTOSID 10% Cattle Premix to break the life cycle of the hom fly. When fed to cattle, ALTOSID 10% Cattle Premix passes through the digestive system and is deposited throughout the manure. Here it stops the development of immature horn flies, before they can emerge as new adult flies. ALTOSID 10% Cattle Premix does not affect existing adult flies.

Start feeding ALTOSID 10% Cattle Premix early in the spring before horn flies appear. Continue feeding throughout the summer and into the fall until cold weather restricts fly activity.

If significant numbers of adult horn flies are already present when ALTOSID 10% Cattle Premix is introduced, it may take 3 to 5 weeks for an effect on the adult horn fly population to be clearly observed. For fast relief from existing fly burdens, consider the use of adulticide sprays, dusts, backrubbers, or pour-ons.

Adult horn flies remain feeding on cattle day and night and leave the animal only to lay eggs in freshly passed manure. Without ALTOSID 10% Cattle Premix, eggs hatch and develop in the manure, resulting in a new generation of adult flies. These newly emerged flies may be carried downwind to a neighboring herd. Area wide fly control to include neighboring herds reduces the numbers of migrating flies.

ALTOSID 10% Cattle Premix may be fed up to slaughter and to lactating dairy cows without withholding

#### STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage or disposal. Storage: Store ALTOSID 10% Cattle Premix in a cool, dry place. Pesticide Disposal: Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility. Container Disposal: Completely empty bag into mixer. Dispose of empty bag in a sanitary landfill or by incineration, or by burning if allowed by state and local authorities. If burned, stay out of smoke,

In case of fire, accident, major spillage, or other emergency, contact Wellmark International at [phone number], day or night.

#### PRECAUTIONARY STATEMENTS

#### HAZARDS TO HUMANS AND DOMESTIC ANIMALS

#### CAUTION

Harmful if absorbed through skin. Causes eye and skin irritation. Avoid contact with eyes, skin, or clothing. Avoid breathing dust. Wash thoroughly with soap and water after handling.

Call a poison co	ontrol center or doctor immediately for treatment advice.
If in eyes	<ul> <li>Hold eye open and rinse slowly and gently with water for 15-20 minutes.</li> <li>Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.</li> </ul>
If on skin or clothing	<ul> <li>Take off contaminated clothing.</li> <li>Rinse skin immediately with plenty of water for 15-20 minutes.</li> </ul>
If inhaled	<ul> <li>Move person to fresh air.</li> <li>If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth, if possible.</li> </ul>

treatment information.

[Note: First Aid statement paragraph format may be used if space is limited.]

#### **ENVIRONMENTAL HAZARDS**

Do not apply directly to water, or to areas where surface water is present, or to intertidal areas below the mean high water mark. Do not contaminate water when cleaning equipment or disposing of equipment washwaters.

For information, call [phone number] or visit our Web site: [URL]

Seller makes no warranty, expressed or implied, concerning the use of this product other than indicated on the label. Buyer assumes all risks of use and handling of this material.

ALTOSID® 10% Cattle Premix is a registered trademark of Wellmark International.

Wellmark International Schaumburg IL 60173

Made in USA



"Huebl, Nancy" <Nancy.Huebl@wellm arkint.com>

01/10/03 11:40 AM

To: Andrew Bryceland/DC/USEPA/US@EPA

Subject: RE: 2724-473 ALTOSID CATTLE PREMIX FIRST AID AMENDMENT

PENDING

Great. Thanks.

----Original Message-----

From: Bryceland Andrew@epamail.epa.gov [mailto:Bryceland.Andrew@epamail.epa.gov] Sent: Friday, January 10, 2003 10:36 AM

To: Huebl, Nancy

Cc: Downing.Jim@epamail.epa.gov; Hollis.Linda@epamail.epa.gov;

reilly.sheryl@epamail.epa.gov

Subject: RE: 2724-473 ALTOSID CATTLE PREMIX FIRST AID AMENDMENT PENDING

Ms. Huebl,

I can make the change on my end using the electronic version of the label you sent in earlier.

Regards, Andrew Bryceland

"Huebl, Nancy"

<Nancy.Huebl@wellm

Bryceland/DC/USEPA/US@EPA

arkint.com>

Downing/DC/USEPA/US@EPA, Linda

Sheryl Reilly/DC/USEPA/US@EPA,

01/10/03 11:15 AM

<Steve.Spaulding@wellmarkint.com>

ALTOSID CATTLE PREMIX FIRST AID

To:

Andrew

cc:

Jim

Hollis/DC/USEPA/US@EPA,

"Spaulding, Steve"

Subject: RE: 2724-473

AMENDMENT PENDING

Thanks for the response. These changes are acceptable. Can you make on your end and stamp or do you need me to send revised version? Let me know if you need something from me. Nancy Huebl Wellmark International 847-330-5376

----Original Message-----

From: Bryceland.Andrew@epamail.epa.gov [mailto:Bryceland.Andrew@epamail.epa.gov] Sent: Friday, January 10, 2003 9:49 AM

To: Nancy. Huebl@wellmarkint.com

Cc: Downing.Jim@epamail.epa.gov; Hollis.Linda@epamail.epa.gov;

reilly.sheryl@epamail.epa.gov

Subject: 2724-473 ALTOSID CATTLE PREMIX FIRST AID AMENDMENT PENDING

Subject:

Label Amendment Application dated: 11/18/02

Product: Altosid 10% Cattle Premix

EPA Reg. No.: 2724-473

Dear Ms. Huebl:

Jim Downing forwarded your email (1/9/02) regarding the Environmental Hazards statement, and it is acceptable. There are two other items that need to be corrected on your label. In the interest of facilitating your amendment perhaps we make these corrections via email. The specific deficiencies are listed below. I have also taken the liberty of making these corrections on the electronic version of the label you sent to Jim Downing. Please respond back to me if all of this is acceptable.

#### I) Precautionary Statements

a) Acute Dermal Toxicity is Category III for this product. Please modify the precautionary statement on the submitted label to the following:

"Harmful if absorbed through skin. Causes eye and skin irritation. Avoid contact with skin eyes and clothing. Avoid breathing dust. Wash thoroughly with soap and water after handling."

b) Please change the statement, "See additional precautionary statements" on the front panel to "See the side/back panel for First Aid and Precautionary Statements."

Regards, Andrew Bryceland Regulatory Action Leader Biochemical Pesticides Branch Biopesticides and Pollution Prevention Division USEPA (703)-305-6928

(See attached file: amend first aid altosid cattle premix 1002\_v2.wpd) ---- Forwarded by Andrew Bryceland/DC/USEPA/US on 01/10/03 10:44 AM

Jim Downing

To:

Andrew

Bryceland/DC/USEPA/US@EPA

01/10/03 10:00 AM

cc:

Subject: 2724-473

ALTOSID

CATTLE PREMIX FIRST AID AMENDMENT

PENDING

Andy: If you can use it, here is an electronic version of that methoprene cattle premix label with the Env. Hazards added. Enjoy. Jim

---- Forwarded by Jim Downing/DC/USEPA/US on 01/10/2003 09:58 AM ----

"Huebl, Nancy"

<Nancy.Huebl@wellm

To: Jim

Downing/DC/USEPA/US@EPA

arkint.com>

cc:

"Spaulding,

Steve"

<Steve.Spaulding@wellmarkint.com>

01/09/2003 06:02

Subject: 2724-473,

ALTOSID

CATTLE PREMIX FIRST AID AMENDMENT

PM

PENDING

Hi Jim, I understand from Steve that you inquired about an Environmental Hazards statement on the above label we submitted as a First Aid amendment.

(I had prior correspondence with A. Bryceland - thought he was working on

this). Anyway, to facilitate the approval, here is an electronic version of

the submitted label with an Environmental Hazards Statement added, no other

changes made. Hopefully, this can be stamped approved. Thanks for the headsup. Give Steve or me a call if you have any other questions. Nancy Huebl

Wellmark International

847-330-5376

<<amend first aid altosid cattle premix 1002.doc>>

See below - scroll down

\*\*\*\*\*\*\*\*

This communication (including attachments) contains private, confidential,

privileged and/or proprietary information intended solely for the Recipient

(s) named above. If you are not the intended Recipient, any use, dissemination, distribution or copying of the communication is strictly prohibited. If received in error, we apologize and ask that you please notify the Sender by calling 847/330-5300 or via return e-mail, permanently

delete this communication from your computer and destroy any printed copies.

Thank you in advance for your cooperation.

Any views expressed herein are not necessarily those of Wellmark International. No contracts, agreements or legally binding understandings

may be entered into solely by an e-mail communication.

(See attached file: amend first aid altosid cattle premix 1002.doc)

[] indicates optional statements

#### **ALTOSID® 10% CATTLE PREMIX**

To prevent the breeding of horn flies in the manure of treated cattle

ACTIVE INGREDIENT:		
S-Methoprene (CAS #65733-16-6)	***********	10.5%
OTHER INGREDIENTS:		
	Total	100.0%

#### KEEP OUT OF REACH OF CHILDREN

#### CAUTION

See additional precautionary statements

EPA Reg. No. 2724-473 EPA Est. No.

Net Wt.

ੁੱ**∗∴** 35

#### General information

ALTOSID® 10% Cattle Premix is a premix which, when blended into a cattle ration according to the Directions for Use given below, will control hom flies which develop in cattle manure. ALTOSID 10% Cattle Premix is intended for use only in cattle.

#### **DIRECTIONS FOR USE**

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.

#### Blending and Feeding ALTOSID 10% Cattle Premix

ALTOSID 10% Cattle Premix interrupts the development of the horn fly in the manure of treated cattle [prevents the breeding of horn flies in the manure of treated cattle][prevents emergence of adult horn flies from the manure of treated cattle]. Begin use in the spring before hom flies appear on cattle and continue feeding until cold weather restricts horn fly activity.

ALTOSID 10% Cattle Premix rations may be fed to beef and dairy cattle, including breeding cattle, lactating cattle, and calves. When used as directed, rations containing ALTOSID 10% Cattle Premix may be fed up to slaughter, and to lactating dairy cows without withholding milk.

This product can be used in complete feeds, concentrates, hand feeds, or loose or block mineral or protein supplements.

ALTOSID 10% Cattle Premix is fed to cattle at the level of 340 mg of ALTOSID 10% Cattle Premix/100 lb body weight/month or 22.7 – 45.4 mg of S-methoprene/100 lb. of body weight per month to achieve horn fly control. This rate is equal to 11.3 mg ALTOSID 10% Cattle Premix/100 lb body weight/day. The calculations in the chart below assume a 1000 pound animal as the head weight, see chart for mixing directions:

158,359 pg 414+415 + 5 says 27 7 to 45,4 mg/10015/month Note: Only change to table under this amendment is highlighted in Vellow. The restal table is identical to stoppe "Accepted" Rubel of 1/29/01

	<del></del>			<u> </u>	· · · · · · · · · · · · · · · · · · ·
FEED PRODUCT	DAILY	RATIO OF	ALTOSID 10%	ALTOSID 10%	GRAMS ALTOSID to%
	FEEDING	SUPPLEMENT	Cattle Premix	Cattle Premix	Cattle Premix/
	RATE	TO FEEDSTUFFS	IN SUPPLEMENT	IN FEED	TON OF FEED PRODUCT
			mg/lb (%)	mg/lb (%)	g/ton
Complete Feed	2.6 lb/cwt	-	-	4,3 (0,001)	8,7
Supplement or Premix	+	1:9	44 (0.01)	4.3 (0.00t)	87
for Preparing	*	1:19	87 (0.02)	4.3 (0.00t)	174
Complete Feeds	-	t:39	174 (0.04)	4.3 (0,001)	} 348
	<b>!</b> -	1:79	348 (0.08)	4.3 (0,001)	696
Complete Feed	3.5 lb/cwt*	*	-	3.2 (0.0007)	6.5
Supplement or Premix		1:9	32 [0.007]	3.2 (0.0007)	65
for Preparing	<u>.</u>	1;19	55 (0.014)	3.2 (0.0007)	130
Complete Feeds	<u>.</u>	1:39	129 (0.028)	3.2 (0.0007)	260
	_	1:79	258 (0,056)	3.2 (0.0007)	520
Concentrate Fed with Roughage	1.0 lb/cwt	-	•	11.3 (0.0025)	22.6
Supplement or Premix	-	1:9	113 (0.025)	11.3 (0.0025)	226
or Preparing		t:19	226 (0.05)	11.3 (0,0025)	<b>\$52</b>
concentrate Feeds	-	1:39	452 (0.10)	t1.3 (0.0025)	904
	-	1:79	904 (0.20)	11.3 (0.0025)	1808
Supplement for	2.0 lb/head	<b>-</b>	57 (0.013)		113
Hand Feeding	t.5 lb/head		75 (0.017)		15t
	1.0 lb/head	-	113 (0.025)	-	226
	0.5 lb/head	*	226 (0.050)		452
Mineral Mix	8.0 oz/head	-	226 (0.05)	~	452
Block	4.0 oz/head	_	452 (0.10)	1 -	904
Molasses M)neral Tub	3.0 oz/head		603 (0.13)	1 "	1206
Molasses Protein Tub	2.0 oz/head	<b>.</b>	904 (0.20),	} -	1808
	1.0 oz/250 lb		452 (0.10)	-	904
	1.0 oz/500 lb	_	904 (0,20)	-	1808
	1.0 oz/750 lb		1356 (0.30		2712

Consumption level of total ration formulated for lactating dairy cattle at 3.5% body weight intake.

#### Important Note to Feed Mill Operators

- ALTOSID 10% Cattle Premix is a light fluffy product and therefore, whenever possible, the material should be added directly to the mixer. Elevators, long free-fall gravity chutes, etc. should be avoided.
- It is critical in order to avoid loss of the low density premix that additions be made under conditions
  of low air turbulence or flow (shut off exhaust systems during ALTOSID 10% Cattle Premix
  addition).
- Whenever possible, add the ALTOSID 10% Cattle Premix after the addition of the liquid components and blend to homogeneity.

#### When and How to Use ALTOSID 10% Cattle Premix

Use ALTOSID 10% Cattle Premix to break the life cycle of the hom fly. When fed to cattle, ALTOSID 10% Cattle Premix passes through the digestive system and is deposited throughout the manure. Here it stops the development of immature hom flies, before they can emerge as new adult flies.

ALTOSID 10% Cattle Premix does not affect existing adult flies.

Start feeding ALTOSID 10% Cattle Premix early in the spring before horn flies appear. Continue feeding throughout the summer and into the fall until cold weather restricts fly activity.

If significant numbers of adult horn flies are already present when ALTOSID 10% Cattle Premix is introduced, it may take 3 to 5 weeks for an effect on the adult horn fly population to be clearly observed. For fast relief from existing fly burdens, consider the use of adulticide sprays, dusts, backrubbers, or pour-ons.

Adult horn flies remain feeding on cattle day and night and leave the animal only to lay eggs in freshly passed manure. Without ALTOSID 10% Cattle Premix, eggs hatch and develop in the manure, resulting in a new generation of adult flies. These newly emerged flies may be carried downwind to a neighboring herd. Area wide fly control to include neighboring herds reduces the numbers of migrating flies.

ALTOSID 10% Cattle Premix may be fed up to slaughter and to lactating dairy cows without withholding milk.

#### STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage or disposal. Storage: Store ALTOSID 10% Cattle Premix in a cool, dry place. Pesticide Disposal: Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility. Container Disposal: Completely empty bag into mixer. Dispose of empty bag in a sanitary landfill or by incineration, or by burning if allowed by state and local authorities. If burned, stay out of smoke.

In case of fire, accident, major spillage, or other emergency, contact Wellmark International at [phone number], day or night.

# PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS CAUTION

Causes eye and skin irritation. Avoid contact with eyes, skin, or clothing. Avoid breathing dust. Wash thoroughly with soap and water after handling.

FIRST AID	
Call a poison c	ontrol center or doctor immediately for treatment advice.
If in eyes	<ul> <li>Hold eye open and rinse slowly and gently with water for 15-20 minutes.</li> <li>Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.</li> </ul>
If on skin or clothing	<ul> <li>Take off contaminated clothing.</li> <li>Rinse skin immediately with plenty of water for 15-20 minutes.</li> </ul>
If inhaled	<ul> <li>Move person to fresh air.</li> <li>If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth, if possible.</li> </ul>

Have the product container or label with you when calling a poison control center or doctor, or a going for treatment. You may also contact 1-800-[phone number] for emergency medical treatment information.

[Note: First Aid statement paragraph format may be used if space is limited.]

Inset En Hezal Statement here.

For information, call [phone number] or visit our Web site: [URL]

Seller makes no warranty, expressed or implied, concerning the use of this product other than indicated on the label. Buyer assumes all risks of use and handling of this material.

ALTOSID® 10% Cattle Premix is a registered trademark of Wellmark International.

Wellmark International Schaumburg IL 60173

Made in USA

#### Wellmork International

1100 how Wasofield Rapid, Serie 500 Schoumburg, Illinois 60123 847 330 5300

### Wellmark

November 19, 2002

Document Processing Desk (AMEND) Office of Pesticide Programs 7504C U.S. Environmental Protection Agency Room 266A Crystal Mall 2 1921 Jefferson Davis Highway Arlington, Virginia 22202

ATTENTION: Sheryl Reilly, Biopesticides

SUBJECT:

LABEL AMENDMENT: PRN 2001-1 FIRST AID

ALTOSID® 10% CATTLE PREMIX/EPA REG. NO. 2724-473

Dear Ms. Reilly:

Enclosed is completed EPA Form 8570-1 and 5 copies of revised labeling for the above product. I've included one highlighted copy (red is new text; blue [strikeout] is deleted text) for your convenience in reviewing noted changes. This revision reflects updating First Aid with exact text shown in PRN 2001-1.

If you have any questions, please, call me directly at 847-330-5376 or contact me via email ( nancy.huebl@wellmarkint.com ). Thank you for your assistance in this matter.

Yours sincerely,

WELLMARK INTERNATIONAL

Manay Guebl

Nancy Huebl

Regulatory Specialist

enclosure

cc: C. Elmi/J. Richardson

Please read instructions on n	everse before completing f	orm.		Fo	ит Арр	roved. (	)MB No. 2	070-0060. Approval expires 2-28-95
<b>⊗</b> EPA	Environment	United States fal Protection Ag hinglon, DC 20460			$\times$	Registr Amend Other		OPP Identifier Number 292108
•		Application	ı for Pesticide - S					
t. Company/Product Number Wellmark International/27	/24-473		2. EPA Product Ma S. Reilly	inager		91		3. Proposed Classification
Company/Product (Name)     Wellmark International/	'Altosid 19% Cattle Prer	nix	PM# BiopesticIdes		1 8000 Williams	<b></b>		X None Restricted
Wellmark International 1100 East Woodliel Roa Schaumburg, Illinois 60	5. Name and Address of Applicant / Registrant (Include ZIP Code)  Wellmark International  1100 East Woodliel Road, Suite 500  Schaumburg, Illinois 60173  Check // this is a new address  6. Expedited Review. In accordance with FIFRA Section 3(C)(3)  (b)(i), my product is similar or identical in composition and labeling to:  EPA Reg. No  Product Name  Section - II							
			,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,					
X Amendment - Explain belo Restribmission in response Notification - Explain belo	e to Agency letter dated			Final printed Agency lette *Me Too* Ap Other - Expli	er pated pplication	ıt .	se to	annesse principality in the second of the se
Explanation: Use addition Label amendment to revis								
			Section - III					
Material This Product Will	i be Packaged In:							
Child-Resistant Packaging	Unit Packaging	W	ater Soluble Packaging	3	2	Type of (	Container	
Yes X No	Yes  X No  II 'Yes Unil Parkaring wet	No. per 11 °Y		No. per		X	Metal Plastic Slass Paper Other (Soe	ale A
Certification must be mitted	Packaging wgt.	container Paci	kaging wgl.	containei		L	Other (Spec	Cary)
3 Location of Net Contents In	darrasta -	4. Size(s) Relail Conta	ntage :	1	Location	- ne i oha	Directions	
	Container	6, 20 lb	urves		X	On Labe	si.	mying Product
6. Manner in Which Label is A	ffixed to Product	Lithograph X Paper glued X Stenciled	<u> </u>	Other		<u>.</u>		
			Section - IV					
t. Contact Point (Complete	Items directly below for Id	entification of Individ	lual to be contacted, I	f necessary	, ta pro	cess this	s applicati	on.)
Name Nancy Huebl		Title	latory Specialist					one No. (Include Area Code) 90.5376
و در		1.092					<del></del>	
	ateménis i have made on this any knowingly talso or misloz aw.	Certification s form and all attachme						6. Oate Application Received (Stamped)
acknowledge that	any knowingly talso or misloz aw.	Certification s/orm and all attachme ading statements my b	e punishablo by fine or e latory Specialist				gelgeleigel – hydrogen ac gelgeleigeleigeleigeleigeleigeleigeleig	Received

Please read instructions on reverse before completing form.	Form Appr	oved. OMB No. 2070	-0060					
United States	<u> </u>	Registration	OPP Identifier Number					
<b>EPA</b> Environmental Protection	Agency	Amendme	1					
Washington, DC 20460		Other	737100					
Application :								
Application for Pesticide - Section I  1. Company/Product Number 2. EPA Product Manager 3. Proposed Classification								
4. Company/Product (Name)	PM≇	/	None Restricted					
5. Name and Address of Applicant (Include ZIP Code)  6. Expedited Review. In accordance with FIFRA Section 3(c)(3) (b)(i), my product is similar or identical in composition and (abeling to:  EPA Reg. No.								
Check if this is a new address	Product Name							
	Section - II							
Amendment - Explain below.  Resubmission in response to Agency letter dated "Ma Too" Application.  Notification - Explain below.  Other - Explain below.								
Explanation: Use additional page(s) If necessary. (For section I end Section II.)								
	Section - III\							
1. Meterial This Product Will Be Packaged in:								
Child-Resistant Packaging Unit Packaging	Water Soluble Packaging	2. Type of Co	ntainer					
Yes Yes	Yes	1 1	Astic					
No No	Ne \	<del></del> _	ilass					
	If "Yes" No. par Package wgt contains	, a	'aper Other (Specify)					
be submitted	. 1	, /   <del></del> ,	Action (Abone)					
3. Location of Net Contents Information 4. Size(s) Retail  Label Container	Container	5. Lecation of Label On Label On Labeling	Directions secompanying product					
6. Manner in Which Label Is Affixed to Product Lithograp Paper glu Stenciled	h ed Othe	ir						
	Section - IV		<u></u>					
1. Contact Point (Complete items directly below for identification of		if necessary, to proc	ess this epplication.)					
Name Title Telephone No. (Include Aree Code)								
I certify that the statements I have made on this form and all	Certification  I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete.  I acknowledge that any knowingly false or misloading statement may be punishable by fine or imprisonment or horn under applicable law.  6. Data Application Received  (Stamped)							
2. Signatura 3.	Title							
A Timed Name	Date		*************					
4. Typed Name 5.	₩		42					

#### PAPERWORK REDUCTION ACT NOTICE and INSTRUCTIONS

PAPERWORK REDUCTION ACT NOTICE: Public reporting burden for this collection of information is estimated to average 0.85 heur per response, including time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding the burden estimate or any other espect of this collection of information, including suggestions for reducing this burden, to Chief, Information Policy Branch, (2136), U.S. Environmental Protection Agency, 401 M Street, SW, Washington, DC 20460.

INSTRUCTIONS: This form is to be used for all applications for new registration, end use reregistration, amendment, resubmission, to applications for notifications, final printed labeling, reregistration, etc. In order to precess an application for a new registration submitted on this form, the following meterial must accompany the application:

- 1. Certification with Respect to Citation of Date (EPA Form 6570-29). [If not exempted by 40 CFR 152.81 (b) (4)];
- 2. Confidential Statement of Formula (EPA Ferm 8570-4);
- 3. Formulator's Exemption Statement (EPA Form 8570-27);
- 4. Five copies of draft labeling;
- 5. Three copies of any date submitted;
- 6. Authorization letter where applicable;
- 7. Metrices where applicable.

Submission of Labeling: Labeling should first be submitted in the form of draft labels with all applications for new registration. Such draft labels may be in the form of typed label text on 8.5 x 11 inch paper for submission or a mockup of the proposed label. If prepared for mockup, it should be constructed in a way as to feolitate storage in an 8.5 x 11 inch file. Mockup labels significantly smaller than 8.5 x 11 inches should be mounted on x 11 inch paper for submission.

Submission of Dats - Data submitted in support of this application must be submitted in accordance with PR Notice 86-5.

SPECIFIC INSTRUCTIONS: Please read the instructions listed below before completing this application. First determine the type of registration action, listed in Black A, for which you are submitting this application. For applications submitted in connection with New Registration actions, Sections I, III, and IV must be completed by the applicant. For applications submitted in connection with amended reregistration actions, resubmissions, notifications, reregistrations, etc., Sections I, II, and IV must be completed by the applicant.

Block A - Check the appropriate action for which you are submitting this form.

SECTION 1 - This section must be completed, as applicable, for all registration ections.

- 1. Company/Product Number Insert your Company Number, if one has been assigned by EPA. This number may have been assigned to you as a basic registrent, a distributor, or as an establishment. If your product is registered, Insert the Product Number.
- 2. EPA Product Manager If known, fill in the name and PM number of the EPA Product Manager.
- 3. Proposed Classification Specify the proposed classification of this product.
- 4. Preduct Name Enter the complete product name of this pasticide as it will appear on the label. The name must be specific to this product only. Duplication of names is not permitted among products of the same company. De not include any brend name or company line designations.
- 5. Name and Address of Applicant The name of the firm or person and address shown in your application is the person or firm to whom the registration will be issued. If you are acting in behalf of ecother party, you must submit authorization from that party to act for them in registration matters. An applicant not residing in the United States must have an authorized agent residing in the United States to act for them in all registration matters. The name and complete mailing address of such an agent must accompany this application.
- 6. Expedited Review FIFRA section 3 (c) 3 (B) provides for expedited review of applications for registration, or amendments to existing registrations, that are similar or identical to other posticido products that are currently registered with the EPA. In order for your application to be eligible for expedited review, you must provide us with the EPA Registration Number and product name of the product you believe is similar to or identical to your product. The product must be similar or identical in both formulation and labeled uses.

SECTION II - This section must be completed for all applications submitted to amend the registration only of a currently registrated product (Amendment), for a resubmission in response to an Agency latter, for notifications to the Agency, for the submission of final printed labeling, for reregistration and for any other action that pertains to a specific EPA-registered product. This section is not to be used for a new application for registration.

1. Subject of submission - Check the applicable block and provide the Agency letter date if appropriate. Provide a brief explanation of the purpose(s) for the submission, such as "the addition of a site, post or crop (specify)"; "smend the Confidential Statement of Formula by..."; "reregistration submission"; "general label revision of use directions." Attach a separate page if additional space is needed.

SECTION III (Packaging and Container Information) - This Section must be completed for all applications submitted in connection with new trapistration or applicable amendments.

- Type of Peckaging Check the appropriate block if your product will be packaging in the indicated packaging types.
   Indicate the size of the individual packets and number per retail container.
- 2. Type of Retail Container Indicate type of container in which product will be marketed.
- 3. Logation of Nat Contents Indicate the location of the net contents information for your product.
- 4. Size(s) of Retail Container Specify the net contents of all retail containers for your product.
- 5. Location of Use Directions Indicate the location of the use directions for your product.
- 6. Manner in which label is affixed to product indicated the method product label is attached to retail container.

SECTION IV (Contact Point) - This Section must be completed for all applications for Registration actions, i.e., new products registration, resubmission, \*me-too, \* reregistration, etc.

- 1-5. Self-explanatory.
- 6. EPA Use Only.

Please read instructions or	reverse before completing form.	Form Ap	proved, OMB No. 2070-0080	
& EPA	United State Environmental Protect Washington, DC	u ction Agency	Registration Amendment Other	OPP Identifier Number 292108
	Applica	tion for Pesticide - Se	ction ( 🥠 /	
1. Company/Product Numb	). J	2. EPA Product M	enagar 3. Pr	oposed Classification
4. Company/Product (Nam	a)	PM#		None Restricted
<del></del> -	pplicant (Include ZIP Code)		/	
		Section - II		1111
Amendment - Explain Resubmission In resubmission - Explain	sponse to Agency letter deted	Agency)	ited labels in response to etter dated Application.	
			e term of	
		/ Section - III		
1. Material This Product V	Vill Be Packaged In:			
Child-Resistant Packaging Yea* No * Certification must	Unit Packaging Yes No If "Yes" Unit Packaging wgt. Contain		2. Type of Contains  Metal Piastic Glass Paper Other	Specify)
be submitted				7.8
3. Location of Net Conton  Label	ts Information 4. Size(s) Container	Retail Container	5. Location of Label Directi On Label On Labeling according	
6. Manner in Which Label	is Affixed to Product U	thograph On sper glued enoted	ther	
		Section - IV		
1. Contact Point (Comple	te items directly below for identifi	cation of individual to be contact	ed, if necessary, to process thi	s application.)
Name		Title	Telepho	ne No. (Include Area Code)
	stements I have made on this form any knowingly false or misleading			6. Data Application Received (Stamped)
2. Signature	v	3. Title		
4. Typed Name		5. Date	······································	44

#### PAPERWORK REDUCTION ACT NOTICE and INSTRUCTIONS

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INSTRUCTIONS: This form is to be used for all applications for new registration, and use reregistration, amendment, resubmission, to applications for notifications, final printed labeling, reregistration, etc. In order to process an application for a new registration submitted on this form, the following material must accompany the application:

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- 2. Confidential Statement of Formula (EPA Form 8570-4);
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- 5. Three copies of any data submitted;
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- 1. Company/Product Number Insert your Company Number, if one has been assigned by EPA. This number may have been assigned to you as a basic registrant, a distributor, or as an establishment. If your product is registered, insert the Product Number.
- 2. EPA Product Manager If known, ill in the name and PM number of the EPA Product Manager.
- 3. Proposed Classification Specify the proposed classification of this product.
- 4. Product Name Enter the complete product name of this pesticide as it will appear on the label. The name must be specific to this product only. Duplication of names is not permitted among products of the same company. Du not include any brand name or company line designations.
- 5. Name and Address of Applicant The name of the firm or person and address shown in your application is the person or firm to whom the registration will be issued. If you are acting in behalf of another party, you must submit authorization from that party to acr for them in registration matters. An applicant not residing in the United States must have an authorized agent residing in the United States to act for them in all registration matters. The name and complete mailing address of such an agent must accompany this application.
- 6. Expedited Review FIFRA section 3 (c) 3 (B) provides for expedited review of applications for registration, or amendments to existing registrations, that are similar or identical to other pasticide products that are currently registered with the EPA. In order for your application to be eligible for expedited review, you must provide us with the EPA Registration Number and product name of the product you believe is similar to or identical to your product. The product must be similar or identical in both formulation and labeled uses.

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- 1. Type of Packaging Check the appropriate block if your product will be packaged in the indicated packaging types. Indicate the size of the individual packets and number per retail container.
- 2. Type of Retail Container Indicate type of container in which product will be marketed.
- 3. Location of Net Contents Indicate the location of the net contents information for your product.
- 4. Sizaja] of Retail Container Specify the net contents of all ratail containers for your product.
- 5. Logation of Use Directions Indicate the location of the use directions for your product.
- 6. Menner in which label is affixed to product indicated the method product label is ettached to retail container.

SECTION IV (Contact Point) - This Section must be completed for all applications for Registration actions, i.e., new products registration, resubmission, "me-too," reregistration, etc.

- 1-5. Self-explanatory.
- 6. EPA Use Only.

### REGULATORY LABEL DATA SHEET

File Name:

Amend first aid Altosid cattle

**Data Sheet Date:** 

November 2002

premix 1002

Product:

ALTOSID CATTLE PREMIX

EPA Reg #:

2724-473

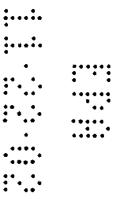
Approved:

Submitted 11/02

Supercedes:

3/16/01

Page #	Description of Major Changes	
2	Added protein to type of supplements used in.	
	Added tolerance reference based on 40 CFR 180.359	
3	Added Molasses Protein Tub to Feed Products	
4	First Aid - revised with exact text per PRN 2001-1	
5	Added information/Web site statement	



[] indicates optional statements

#### ALTOSID® 10% CATTLE PREMIX

To prevent the breeding of horn flies in the manure of treated cattle

ACTIVE INGREDIENT:		
S-Methoprene (CAS #65733-16-6)		10,5%
OTHER INGREDIENTS:	.41,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	89.5%
	Total	100.0%

### KEEP OUT OF REACH OF CHILDREN

#### **CAUTION**

See additional precautionary statements

EPA Reg. No. 2724-473 EPA Est. No.

Net Wt.

#### General Information

ALTOSID® 10% Cattle Premix is a premix which, when blended into a cattle ration according to the Directions for Use given below, will control horn flies which develop in cattle manure. ALTOSID 10% Cattle Premix is intended for use only in cattle.

#### **DIRECTIONS FOR USE**

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.

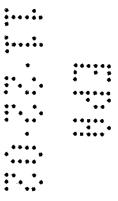
#### Blending and Feeding ALTOSID 10% Cattle Premix

ALTOSID 10% Cattle Premix interrupts the development of the horn fly in the manure of treated cattle [prevents the breeding of horn flies in the manure of treated cattle][prevents emergence of adult horn flies from the manure of treated cattle]. Begin use in the spring before horn flies appear on cattle and continue feeding until cold weather restricts horn fly activity.

ALTOSID 10% Cattle Premix rations may be fed to beef and dairy cattle, including breeding cattle, lactating cattle, and calves. When used as directed, rations containing ALTOSID 10% Cattle Premix may be fed up to slaughter, and to lactating dairy cows without withholding milk.

This product can be used in complete feeds, concentrates, hand feeds, or loose or block mineral or protein supplements.

ALTOSID 10% Cattle Premix is fed to cattle at the level of **340 mg of ALTOSID 10% Cattle**Premix/100 lb body weight/month or 22.7 – 45.4 mg of S-methoprene/100 lb, of body weight per
month to achieve horn fly control. This rate is equal to **11.3 mg ALTOSID 10% Cattle Premix/100** lb
body weight/day. The calculations in the chart below assume a 1000 pound animal as the head
weight; see chart for mixing directions:



FEED PRODUCT	DAILY FEEDING RATE	RATIO OF SUPPLEMENT TO FEEDSTUFFS	ALTOSID 10% Cattle Premix IN SUPPLEMENT mg/lb (%)	ALTOSID 10% Cattle Premix IN FEED mg/lb (%)	GRAMS ALTOSID 10% Cattle Premix/ TON OF FEED PRODUCT g/ton
Complete Feed	2.6 lb/cwt	<u>-</u>	7	4.3 (0.001)	8.7
Supplement or Premix for Preparing		1:9 f:19	44 (0.01) 87 (0.02)	4.3 (0.001) 4.3 (0.001)	87 174
Complete Feeds	-	1:39 1:79	174 (0.04) 348 (0.08)	4.3 (0.001) 4.3 (0.001)	348 696
Complete Feed	3.5 lb/cwi*		*	3.2 (0.0007)	6.5
Supplement or Premix for Preparing Complete Feeds	-	1:9 1:19 1:39 1:79	32 (0.007) 65 (0.014) 129 (0.028) 258 (0.056)	3.2 (0.0007) 3.2 (0.0007) 3.2 (0.0007) 3.2 (0.0007) 3.2 (0.0007)	65 130 260 520
Concentrate Fed with Roughage	1.0 lb/cwi		•	11.3 (0.0025)	22.6
Supplement or Premix (or Preparing Concentrate Feeds	-	1:9 1:19 1:39 1:79	113 (0.025) 226 (0.05) 452 (0.10) 904 (0.20)	11.3 (0.0025) 11.3 (0.0025) 11.3 (0.0025) 11.3 (0.0025)	226 452 904 1808
Supplement for Hand Feeding	2.0 lb/head 1.5 lb/head 1.0 lb/head 0.5 lb/head	- - -	57 (0.013) 75 (0.017) 113 (0.025) 226 (0.050)		113 151 226 452
Mineral Mix Block Molasses Mineral Tub Molasses Protein Tub	8.0 oz/head 4.0 oz/head 3.0 oz/head 2.0 oz/head 1.0 oz/250 lb 1.0 oz/500 lb		226 (0.05) 452 (0.10) 603 (0.13) 904 (0.20) 452 (0.10) 904 (0.20)		452 904 1206 1808 904 1808
	1.0 oz/750 lb		1356 (0.30	·	2712

<sup>\*</sup> Consumption level of total ration formulated for lactating dairy cattle at 3.5% body weight intake.

#### Important Note to Feed Mill Operators

- ALTOSID 10% Cattle Premix is a light fluffy product and therefore, whenever possible, the material should be added directly to the mixer. Elevators, long free-fall gravity chutes, etc. should be avoided.
- It is critical in order to avoid loss of the low density premix that additions be made under conditions
  of low air turbulence or flow (shut off exhaust systems during ALTOSID 10% Cattle Premix
  addition).
- Whenever possible, add the ALTOSID 10% Cattle Premix after the addition of the liquid components and blend to homogeneity.

#### When and How to Use ALTOSID 10% Cattle Premix

Use ALTOSID 10% Cattle Premix to break the life cycle of the horn fly. When fed to cattle ALTOSID 10% Cattle Premix passes through the digestive system and is deposited throughout the manure. Here it stops the development of immature horn flies, before they can emerge as new adult flies. ALTOSID 10% Cattle Premix does not affect existing adult flies.

Start feeding ALTOSID 10% Cattle Premix early in the spring before horn flies appear. Continue feeding throughout the summer and into the fall until cold weather restricts fly activity.

If significant numbers of adult horn flies are already present when ALTOSID 10% Cattle Premix is introduced, it may take 3 to 5 weeks for an effect on the adult horn fly population to be clearly observed. For fast relief from existing fly burdens, consider the use of adulticide sprays, dusts, back-rubbers, or pour-ons.

Adult horn flies remain feeding on cattle day and night and leave the animal only to lay eggs in freshly passed manure. Without ALTOSID 10% Cattle Premix, eggs hatch and develop in the manure, resulting in a new generation of adult flies. These newly emerged flies may be carried downwind to a neighboring herd. Area wide fly control to include neighboring herds reduces the numbers of migrating flies.

ALTOSID 10% Cattle Premix may be fed up to slaughter and to lactating dairy cows without withholding milk.

#### STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage or disposal. **Storage:** Store ALTOSID 10% Cattle Premix in a cool, dry place. **Pesticide Disposal:** Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility. **Container Disposal:** Completely empty bag into mixer. Dispose of empty bag in a sanitary landfill or by incineration, or by burning if allowed by state and local authorities. If burned, stay out of smoke.

In case of fire, accident, major spillage, or other emergency, contact Wellmark International at [phone number], day or night.

# PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS CAUTION

Causes eye and skin irritation. Avoid contact with eyes, skin, or clothing. Avoid breathing dust. Wash thoroughly with soap and water after handling.

	ontrol center or doctor immediately for treatment advice.
If in eyes	<ul> <li>Hold eye open and rinse slowly and gently with water for 15-20 minutes.</li> <li>Remove contact lenses, if present, after the first 5 minutes, then continuing eye.</li> </ul>
lf on <b>s</b> kin or	Take off contaminated clothing.
clothing	<ul> <li>Rinse skin immediately with plenty of water for 15-20 minutes.</li> </ul>
If inhaled	<ul> <li>Move person to fresh air.</li> <li>If person is not breathing, call 911 or an ambulance, then give artificial</li> </ul>
	respiration, preferably mouth-to-mouth, if possible.
	ict container or label with you when calling a poison control center or doctor, or nent. You may also contact 1-800-[phone number] for emergency medical :

#### FIRST AID

IF IN EYES: Flush-eyes with plenty of water. Got medical attention if irritation persists.

IF ON SKIN: Wash with plenty of seap and water. Got medical attention if irritation persists.

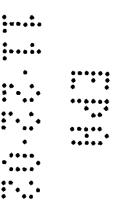
For information, call (phone number) or visit our Web site: [URL]

Seller makes no warranty, expressed or implied, concerning the use of this product other than indicated on the label. Buyer assumes all risks of use and handling of this material.

ALTOSID® 10% Cattle Premix is a registered trademark of Wellmark International.

Wellmark International Schaumburg IL 60173

Made in USA



[] indicates optional statements

#### **ALTOSID® 10% CATTLE PREMIX**

To prevent the breeding of horn flies in the manure of treated cattle

ACTIVE INGREDIENT:		
S-Methoprene (CAS #65733-16-6)	a a a la população, estre a a a população de estra a e a a periode a	10.5%
OTHER INGREDIENTS:		
•	Total	100.0%

# KEEP OUT OF REACH OF CHILDREN CAUTION

See additional precautionary statements

EPA Reg. No. 2724-473 Net Wt.



EPA Est. No.

#### General Information

ALTOSID® t0% Cattle Premix is a premix which, when blended into a cattle ration according to the Directions for Use given below, will control hom flies which develop in cattle manure. ALTOSID 10% Cattle Premix is intended for use only in cattle.

#### DIRECTIONS FOR USE

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.

#### Blending and Feeding ALTOSID 10% Cattle Premix

ALTOSID 10% Cattle Premix interrupts the development of the horn fly in the manure of treated cattle [prevents the breeding of horn flies in the manure of treated cattle][prevents emergence of adult horn flies from the manure of treated cattle]. Begin use in the spring before horn flies appear on cattle and continue feeding until cold weather restricts horn fly activity.

ALTOSID 10% Cattle Premix rations may be fed to beef and dairy cattle, including breeding cattle, lactating cattle, and calves. When used as directed, rations containing ALTOSID 10% Cattle Premix may be fed up to slaughter, and to lactating dairy cows without withholding milk.

This product can be used in complete feeds, concentrates, hand feeds, or mineral supplements.

ALTOSID 10% Cattle Premix is fed to cattle at the level of 340 mg/100 lb body weight/month to achieve horn fly control. This rate is equal to 11.3 mg ALTOSID 10% Cattle Premix/100 lb body weight/day. The calculations in the chart below assume a 1000 pound animal as the head weight; see chart for mixing directions:

FEED PRODUCT	DAILY FEEDING RATE	RATIO OF SUPPLEMENT TO FEEDSTUFFS	ALTOSID 10% Cattle Premix IN SUPPLEMENT mg/lb (%)	ALTOSID 10% Cattle Premix IN FEED mg/lb (%)	GRAMS ALTOSID 10% Cattle Premix/ TON OF FEED PRODUCT g/ton
Complete Feed	2.6 lb/cwt	-	-	4.3 (0.001)	8.7
Supplement or Premix for Preparing Complete Feeds		1:9 1:19 t:39 1:79	44 (0.01) 87 (0.02) 174 (0.04) 348 (0.08)	4,3 (0.001) 4,3 (0.001) 4,3 (0.001) 4,3 (0.001)	87 174 348 696
Complete Feed	3.5 lb/cwt*	-	-	3.2 (0,0007)	6.5
Supplement or Premix for Preparing Complete Feeds	-	1:9 1:19 1:39 1:79	32 (0.007) 65 (0.014) 129 (0.028) 258 (0.056)	3.2 (0.0007) 3.2 (0.0007) 3.2 (0.0007) 3.2 (0.0007)	65 130 260 520
Concentrate Fed with Roughage	1.0 lb/cwt	•	-	11.3 (0.0025)	22.6
Supplement or Premix or Preparing Joncentrate Feeds	-	1;9 1;19 1;39 1;79	113 (0.025) 226 (0.05) 452 (0.10) 904 (0.20)	11.3 (0.0025) 11.3 (0.0025) 11.3 (0.0025) 11.3 (0.0025)	226 452 904 1808
Supplement for land Feeding	2.0 lb/head 1.5 lb/head 1.0 lb/head 0.5 lb/head	-	57 (0.013) 75 (0.017) 113 (0.025) 226 (0.050)	-	113 151 226 452
Mineral Mix	4.0 oz/head 3.0 oz/head 2.0 oz/head 1.0 oz/250 lb 1.0 oz/500 lb	- - -	452 (0.10) 603 (0.13) 904 (0.20) 452 (0.10) 904 (0.20) 1356 (0.30	-	904 1206 1808 904 1808 2712

Consumption level of total ration formulated for lactating dairy cattle at 3.5% body weight intake.

#### Important Note to Feed Mill Operators

- ALTOSID 10% Cattle Premix is a light fluffy product and therefore, whenever possible, the material should be added directly to the mixer. Elevators, long free-fall gravity chutes, etc. should be avoided.
- It is critical in order to avoid loss of the low density premix that additions be made under conditions
  of low air turbulence or flow (shut off exhaust systems during ALTOSID 10% Cattle Premix
  addition).
- Whenever possible, add the ALTOSID 10% Cattle Premix after the addition of the liquid components and blend to homogeneity.

#### When and How to Use ALTOSID 10% Cattle Premix

Use ALTOSID 10% Cattle Premix to break the life cycle of the horn fly. When fed to cattle, ALTOSID 10% Cattle Premix passes through the digestive system and is deposited throughout the manure. There it stops the development of immature horn flies, before they can emerge as new adult flies.

ALTOSID 10% Cattle Premix does not affect existing adult flies.

Start feeding ALTOSID 10% Cattle Premix early in the spring before horn flies appear. Continue feeding throughout the summer and into the fall until cold weather restricts fly activity

If significant numbers of adult horn flies are already present when ALTOSID 10% Cattle Premix is introduced, it may take 3 to 5 weeks for an effect on the adult horn fly population to be clearly observed. For fast relief from existing fly burdens, consider the use of adulticide sprays, dusts, backrubbers, or pour-ons.

Adult horn flies remain feeding on cattle day and night and leave the animal only to lay eggs in freshly passed manure. Without ALTOSID 10% Cattle Premix, eggs hatch and develop in the manure, resulting in a new generation of adult flies. These newly emerged flies may be carried downwind to a neighboring herd. Area wide fly control to include neighboring herds reduces the numbers of migrating flies.

ALTOSID 10% Cattle Premix may be fed up to slaughter and to lactating dairy cows without withholding milk.



#### STORAGE AND DISPOSAL

**Storage:** Store ALTOSID 10% Cattle Premix in a cool dry place. Do not contaminate water, food, or feed by storage or disposal.

Pesticide Disposat: Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

Container Disposal: Completely empty bag into mixer. Dispose of empty bag in a sanitary landfill or by incineration, or by burning if allowed by state and local authorities. If burned, stay out of smoke.

In case of fire, accident, major spillage, or other emergency, contact Wellmark International at [phone number], day or night.



## PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS CAUTION

Causes eye and skin irritation. Avoid contact with eyes, skin, or clothing. Avoid breathing dust. Wash thoroughly with soap and water after handling.

#### FIRST AID

IF IN EYES: Flush eyes with plenty of water. Get medical attention if irritation persists. IF ON SKIN: Wash with plenty of soap and water. Get medical attention if irritation persists.

Seller makes no warranty, express or implied, concerning the use of this product other than indicated on the label. Buyer assumes all risk of use and handling of this material.

ALTOSID® 10% Cattle Premix is a registered trademark of Wellmark International.

Wellmark International Bensenville IL 60106

Made in USA



"Huebl, Nancy" <Nancy.Huebl@wellm arkint.com> To: Andrew Bryceland/DC/USEPA/US@EPA

cc: Sheryl Reilly/DC/USEPA/US@EPA

Subject: RE: Label Amendment for EPA Reg. No. 2724-473

01/02/03 04:35 PM

Mr. Bryceland, per your email, attached is a letter, EPA 8570-1 form and PDF copy of the final printed label for the above product per your request. I trust this will facilitate further processing of my First Aid amendment. Thanks for following up via email, it really saves a lot of time.

Nancy Huebl

Wellmark International phone: 847/330-5376

----Original Message----

From: Bryceland.Andrew@epamail.epa.gov [mailto:Bryceland.Andrew@epamail.epa.gov] Sent: Thursday, January 02, 2003 9:27 AM

To: nancy.huebl@wellmarkint.com Cc: reilly.sheryl@epamail.epa.gov

Subject: Label Amendment for EPA Reg. No. 2724-473

Dear Ms. Huebl,

Before we can further process you label amendment application, dated 11/18/02, you must submit to the Agency copies of the final printed label (FPE) for Altosid 10% Cattle Premix (EPA Reg No. 2724-473). This is the FPL that was based on the last stamped "Accepted" label, dated January 29, 2001. If we do not receive a copy of the FPL, with a letter indicating so, by 1/10/03 we will deem you application deficient for this reason and we will notify you in writing. You may fax the FPL to my attention at 703-308-7026.

Regards, Andrew Bryceland Regulatory Action Leader Biochemical Pesticides Branch Biopesticides and Pollution Prevention Division (703)305-6928



473 bryceland.pd 64243.label.pd

### Wellmark

January 2, 2003

Document Processing Desk (FPL)
Office of Pesticide Programs 7504C
U.S. Environmental Protection Agency
Room 266A Crystal Mall 2
1921 Jefferson Davis Highway
Arlington, Virginia 22202

ATTENTION: Andrew Bryceland, Biopesticides

SUBJECT: FINAL PRINTED LABEL PER YOUR 1/2/03 EMAIL

ALTOSID® 10% CATTLE PREMIX/EPA REG. NO. 2724-473

Dear Mr. Bryceland:

Per your email to me of January 2, 2003, enclosed is completed EPA Form 8570-1 and a copy of final printed labeling (FPL) for the above product. This FPL is based on the January 29, 2001 EPA stamped approved label and notification of 3/16/2001. Receipt of this FPL will allow you to further process my First Aid amendment submitted November 19, 2002.

If you have any questions, please, call me directly at 847-330-5376 or contact me via email (nancy.huebl@wellmarkint.com). Thank you for your assistance in this matter.

Yours sincerely, WELLMARK INTERNATIONAL

Mancy Huebl
Nancy Huebl

Regulatory Specialist

enclosure

5. Date

02-Jan-03

EPA Form 6570-1 (Rev. 3-94) Previous oditions are obsolete.

4. Typed Name

Nancy Hueb!

White - EPA File Copy (originat)

Yellow - Applicant copy



## altosid'

## CATTLE CUSTOM BLENDING PREMIX





ACTIVE INGREDIENT:	
S-Methoprope (CAS #65733-16-6)	10.5%
OTHER INGREDIENTS:	
Total To	

#### **KEEP OUT OF REACH OF CHILDREN** CAUTION

SEE ADDITIONAL PRECAUTIONARY STATEMENTS

General Information

ALTOSIO<sup>®</sup> CATTLE PREMIX is a premix which, when Intended into a cottle ration occording to the Otractions for Use given below, will nontrol horn tiles which develop in carde manure. ALTOSIO CATTLE PREMIX is intended for use only in carde.

DIRECTIONS FOR USE:

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.

Standing and Feeding ALTOSID CATTLE PREMIX
ALTOSID CATTLE PREMIX interrupts the development of the horn fly it the materia of treated cattle. Begin use in the spring before horn thes appear on castle and continue feeding until cold weather restricts here fly activity.

ALTOSIO CATTLE PREMIX tations may be led to beel and delay cartle, including breeding partle, lactating canle, and calves. When used as directed, rations containing ALTPSID CRITTLE PREMIX may be fest up to staughter, and to factating dairy cows without withholding nells.

This oroduct can be used in complete feeds, concentrates, hand Teeds, or loove or block mineral

ALYOSIO CATTLE PREMIX is ted to cante at the lovel of 340 ma/100 ip body weight/menth to achieve horn thy curarol. This rate is equal to 11.3 mg ALYOSIO CATTLE PREMIX/100 in body weight/day. The calculations in the chart at right assume a 1000 pound animal as the head weight; ser chart for mixing oirections.

Important Note to Feed Mill Operators

- ALTOSIO CATTLE PREMIX is a float, flutly product and therefore, whenever possible, the strategial should be added disectly to the mixer. Elevators, but of true-lab growity choices, etc. Should be avoided
- It is critical in order to avoid loss of the low density premie that additions he made unde conditions of law air turbulence or flow Islauf off exhaust systems during RLTOSID CATTLE PREMIX additions.

  Yhenever possible, add the ALTOSIO CATTLE PREMIX after the addition of the liquid
- components and being to honrogeneity.

When and How to Use ALTOSID CATTLE PREMIX
Use ALTOSID CATTLE PREMIX to break the life cycle of the horn fay, When fed to cattle, ALYOSID
CATTLE PREMIX passus farought life Orgestive system and is deposited throughton the manure,
there is stops frie development of amanture horn flies, before they can emerge as new adult flies. ALTOSID CALTLE PREMIX does not affect existing adult flies.

Start feeding ALTOSID CATTLE PREMIX early in the spring before horn flees appear. Continue feeding throughout the summer and foto the fall until cold weather restricts by activity.

If significan combers of adult hour flies are already present when ALTOSIO CATTLE PREMIX is innoduced, it may take 3 to 5 weeks for an effect on the adult horn by population to be clearly observed. For last relief from existing by burdens, consider the rise of attribution sprays, dusts, back-rebbers, or porre-ons.

Adult from files remain feeding on caltile day and night and feave the animal only to tay eggs in frestly passed manure. Without ALTOSIO CATTLE PREMIX, eggs hatch and develop in the mature, resulting in a new generation of adult files. These newly emerged files may be carried downwind to a neighboring head. Anamide by control to faculate neighboring freeds redness the numbers of migrating flies.

ALTOSIO CATTLE PREMIX amy be led up to stanging and to tactating delay cows without with folding milk

TEED PROBUCT	DAILY	RATIO OT	ALI OSIO	AL (OS(O	GRAMS AL IOSIO
	I EE OING	SUPPLEMENT	CATTLE PREMIT	CATTLE PREMIX	CATTLE PREMIX
	RATE	10	IN SUPPLEMENT	EN FEED	TON OF FEED
	i	TEEDS LOT FS	mg/lb (%)	เหลูส์ด (%)	PRODUCI
:		ļ i			g/lan
Compinia Feod	2.6 fb/cy/1		,	4,3 10,001	8.7
Supplement of Premix	·	1:9	44 (9,01)	4.3 [0.001]	- 87
for Preparing	- 1	f:t9	87 (0,02)	4.3 (0.00t)	174
Complete Éteos		tú9	174 (0.04)	4.3 (9.001)	348
		t:19	348 (0.08)	4.3 (0.001)	898
Complete Fet d	3.5 ta/cst	,		3.2 (0.0007)	6,5
Supplement or Premi		1:9	32 (0.097)	3.2 (0.0007)	65
ior Preparing	-	[;t0	65 (0.0(4)	32 (0.0607)	t30
Consplete i teds		139	129 [0.026]	32 (9.0007)	260
		t:79	258 (0.056)	3.2 (0.0007)	520
Cencentrale Fool with Roughage	1.0 (b/ce)			11.3 (0,0025)	22.6
Supplement or Ptemp.		1:9	tt3 [0.025]	11,3 (0.0025)	225
for Perpering		1:19	226 (0.05)	t (.3 j0.0025)	452
Concentrate feets		1:39	452 (0.16)	11.5 (0.0025)	904
<u>.</u>		t:ř9	904 (0.20)	tt.3 (0.0025)	8081
Subblauteut for	2.0 (0/11930	Ť	57 (O.013)	•	115
Hand Feating	1.5 (0/1688)		75 (0.017)		f5t
	Leaned D. 1	- 1	1 (3 (0.0E5)		276
	0.5 Rvhsad		226 (0.050)	-	452
Morral Mixiblocki					
Molasses Mineral Leb	8.0 ozábead		226 (D.05)	. '	452
	40 oz/head	i · !	452 [0.10]		984
	3.0 ox/head	, ,	503 (0,t3)		1206
	2.0 oz/hrad	-	904 (0.20)	,	1803
	1.002/250 lb		452 (9.16)	•	908
	1.0 e2/500 fb		904 (0.20)		t\$0\$
	1.0 oz/750 lb	- 1	1356 (4,30)		2712

Consumption level of total nation formulated for locating dainy cattle at 3.5% pody weight intake.

STORAGE AND DISPOSAL

STORAGE AND PARTURAL. Tood, or teed by storage or disposal.

Storage: Store in a cool dry place. Pesticide Oroposal: Wastes resitting from the use of this oncluent may be disposed of or site or at arrapproved Waste disposal facility. Container disposal: Completely emply bag into mixer. Dispose of emply bag in a sanitary tandilit or by incineration, or by burring if indices of state and local authorities. If burrent, stay out of smoke.

In case of line, recolders, major spillage, or other enterponcy, contact Wellmark International at

1-EP3-341-82T2 day of rigin. Precautionary Statements - Hazaros to Humans and Domestic Animals - Caution

Gauses eye arro skin imitation. Avoid contact with eyes, skin, or clothing. Avoid breathing dust. Wasinthoroughly with soop and vister after handling. FIRST AIR

If th EYES: Flush eyes with plenty of water, Get medical attention it initiation prestats. IF ON SKIN: Wash with plenty of scop and water. Get medical attention if initation persists. Setter makes no viarranty, expressed or implied, concerning the use of this product other than indicated on the tabet. Briver sessities all tisk of use and bondling of this material.

Weilmark International Schanithing, Illianis 60173

EPA Rep. No. 2724-473 EPA Est. No. 2724-TX-1

ALTOSIO<sup>3</sup> is a registered trademark of Wellowak International.

©200 r Wellemark fraomational - Made in USA 64243

NET WT: 20 LB\$ (9.1 KG)

Uncomplified dose for that dark

Please read instructions on r	everse before completing is	orm.	1	Form Approved. C	MB No. 2070-0	060. Approval expires 2-28-95
<b>ॐ</b> EPA	Environment	United States tal Protection Age hington, DC 20460	ncy	Registra Amenda X Other		OPP Identifier Number
		Application f	or Pesticide - Sect	ion l		
1. Company/Product Number			2. EPA Product Manage	¥	3. P	roposed Classification
Wellmark International/27	724-473		S. Reilly			
Company/Product (Name)     Wellmark International	'Altosid Cattle Premix		PM# Blopesticides		1	X None Restricted
Name and Address of Appli Wellmark International 1 t00 East Woodfield Ro Schaumburg, Illinois 60      Check if this is.	ad Suite 500 173	Code)	(b)(i), my product is	w. In accordance v similar or identical in	composition a	and labeling to;
			Pantina II		···	
			Section - II		HOTIFIC	. ZA I 11 710
Amenoment - Explain be Resubmission In respons X Notification - Explain belo	e to Agency letter dated	,	Agan — Agan	printed labels in respons	:a to Reviewe(	1-4-02
Explanation: Use addition	not name(e) if nametoon. (Fo	t earting Land section it	\		*	······································
Label revision to include a This notification is consist the labeling or the confide statement to EPA, if further in violation of FIFRA and	tent with the provisions of ential statement of formula or understand that if this n	PR Notice 98-10 and a of this product. I un- notification is not cons- cement action and pe	d EPA regulations at 4 derstand that it is a vi- distent with the terms of malties under sections	0 CFŘ 152.46, and n olation of t8 U.S.C. S of PR Notice 98-10 ar	iec. 1001 to w nd 40 CFR 15	illfully make any false
			Section - III			
7. Material This Product Will	i	· · · · · · · · · · · · · · · · · · ·		<u></u>		
Child-Resistant Packaging	Unit Packaging	Wate	er Soluble Packaging	2. Type of C	Container	
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" Certification must be submitted	It "Yes Unit Packaging wgt, 6 rb/20 lb	No. per t/ Yes container Packa			Paper Other (Specify)	
Capital Label	tornation Container	4. Size(s) Retail Contain 6 & 20 lbs.	or	5. Location of Label  X On Label On Labe		Product
6. Manner in Which Label is A	Affixed to Product	Lithograph X Paper glued Stenciled		Other		19 / 19 / 19 / 19 / 19 / 19 / 19 / 19 /
		S	Section - IV			
1. Contact Point (Complete	ilems directly below for id			essary, to process this	application.)	
Name		Title				o, (Include Area Code)
Nancy Huebl		:	tory Specialist		847 330 53	76
	atoments I have made on this any knowingly lalse or misles aw.					3. Date Application Received (Stamped)
2 Signature	Huebl	3. Tille Regulal	ory Specialist	, , , , , , , , , , , , , , , , , , ,		····
4. Typod Name	~				1	

#### NOTIFICATION

Date Reviewed: 1-4-02

Reviewed By: D. Hudson

[] indicates optional statements

#### **ALTOSID® 10% CATTLE PREMIX**

To prevent the breeding of horn flies in the manure of treated cattle

#### **ACTIVE INGREDIENT:**

S-Methoprene (CAS #65733-16-6)		10.5%
OTHER INGREDIENTS:		89.5%
	Total	100.0%

#### KEEP OUT OF REACH OF CHILDREN

#### CAUTION

See additional precautionary statements

EPA Reg. No. 2724-473

EPA Est. No.

Net Wt.

61

#### General Information

ALTOSID® 10% Cattle Premix is a premix which, when blended into a cattle ration according to the Directions for Use given below, will control horn flies which develop in cattle manure. ALTOSID 10% Cattle Premix is intended for use only in cattle.

#### DIRECTIONS FOR USE

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.

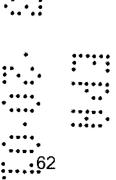
#### Blending and Feeding ALTOSID 10% Cattle Premix

ALTOSID 10% Cattle Premix interrupts the development of the horn fly in the manure of treated cattle [prevents the breeding of horn flies in the manure of treated cattle][prevents emergence of adult horn flies from the manure of treated cattle]. Begin use in the spring before horn flies appear on cattle and continue feeding until cold weather restricts horn fly activity.

ALTOSID 10% Cattle Premix rations may be fed to beef and dairy cattle, including breeding cattle, lactating cattle, and calves. When used as directed, rations containing ALTOSID 10% Cattle Premix may be fed up to slaughter, and to lactating dairy cows without withholding milk.

This product can be used in complete feeds, concentrates, hand feeds, or loose or block mineral supplements.

ALTOSID 10% Cattle Premix is fed to cattle at the level of 340 mg/100 lb body weight/month to achieve horn fly control. This rate is equal to 11.3 mg ALTOSID 10% Cattle Premix/100 lb body weight/day. The calculations in the chart below assume a 1000 pound animal as the head weight; see chart for mixing directions:



FEED PRODUCT	DAILY FEEDING RATE	RATIO OF SUPPLEMENT TO FEEDSTUFFS	ALTOSID 10% Catile Premix IN SUPPLEMENT mg/lb (%)	ALTOSID 10% Cattle Premix IN FEED mg/lb (%)	GRAMS ALTOSID 10% Cattle Premix! TON OF FEED PRODUCT g/ton
Complete Feed	2.6 fb/cwl	-	-	4.3 (0.001)	8.7
Supplement or Premix for Preparing Complete Feeds		f:9 1:19 1:39 1:79	44 (0.01) 87 (0.02) 174 (0.04) 348 (0.08)	4.3 (0.001) 4.3 (0.001) 4.3 (0.001) 4.3 (0.001)	87 174 348 696
Complete Feed	3.5 lb/cwt*			3.2 (0.0007)	6.5
Supplement or Premix for Preparing Complete Feeds		1:9 1:19 1:39 1:79	32 (0.007) 65 (0.014) 129 (0.028) 258 (0.056)	3.2 (0.0007) 3.2 (0.0007) 3.2 (0.0007) 3.2 (0.0007)	65 130 250 520
Concentrate Fed with Roughage	1.0 lb/cwl	-	<del>-</del>	11.3 (0.0025)	22.6
Supplement of Premix for Preparing Concentrate Feeds	-	t-19 t-19 t-39 1.79	t13 (0.025) 226 (0.05) 452 (0.10) 904 (0.20)	11.3 (0.0025) 11.3 (0.0025) 11.3 (0.0025) 11.3 (0.0025)	226 452 904 1808
Supplement for Hand Feeding	2.0 lb/head 1.5 lb/head 1.0 lb/head 0.5 lb/head	-	57 (0.013) 75 (0.017) 113 (0.025) 226 (0.050)		113 151 226 452
Mineral Mix Block Molasses Mineral Tub	8 0 oz/head 4.0 oz/head 3.0 oz/head 2.0 oz/head 1.0 oz/250 lb 1.0 oz/500 lb	-	226 (0.05) 452 (0.10) 603 (0.13) 904 (0.20) 452 (0.10) 904 (0.20) 1356 (0.30	-	452 904 1206 1808 904 1808 2712

<sup>\*</sup> Consumption level of total ration formulated for lactating dairy cattle at 3.5% body weight intake.

#### Important Note to Feed Mill Operators

- ALTOSID 10% Cattle Premix is a light fluffy product and therefore, whenever possible, the material should be added directly to the mixer. Elevators, long free-fall gravity chutes, etc. should be avoided.
- It is critical in order to avoid loss of the low density premix that additions be made under conditions
  of low air turbulence or flow (shut off exhaust systems during ALTOSID 10% Cattle Premix
  addition).
- Whenever possible, add the ALTOSID 10% Cattle Premix after the addition of the liquid components and blend to homogeneity.

#### When and How to Use ALTOSID 10% Cattle Premix

Use ALTOSID 10% Cattle Premix to break the life cycle of the horn fly. When fed to cattle, ALTOSID 10% Cattle Premix passes through the digestive system and is deposited throughout the manure. Here it stops the development of immature horn flies, before they can emerge as new adult flies. \*ALTOSID 10% Cattle Premix does not affect existing adult flies.

Start feeding ALTOSID 10% Cattle Premix early in the spring before horn flies appear. Continue feeding throughout the summer and into the fall until cold weather restricts fly activity.

....**:**63

If significant numbers of adult horn flies are already present when ALTOSID 10% Cattle Premix is introduced, it may take 3 to 5 weeks for an effect on the adult horn fly population to be clearly observed. For fast relief from existing fly burdens, consider the use of adulticide sprays, dusts, back-rubbers, or pour-ons.

Adult horn flies remain feeding on cattle day and night and leave the animal only to lay eggs in freshly passed manure. Without ALTOSID 10% Cattle Premix, eggs hatch and develop in the manure, resulting in a new generation of adult flies. These newly emerged flies may be carried downwind to a neighboring herd. Area wide fly control to include neighboring herds reduces the numbers of migrating flies.

ALTOSID 10% Cattle Premix may be fed up to slaughter and to lactating dairy cows without withholding milk.

#### STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage or disposal. **Storage:** Store ALTOSID 10% Cattle Premix in a cool dry place. **Pesticide Dispos**al: Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility. **Container Dispos**al: Completely empty bag into mixer. Dispose of empty bag in a sanitary landfill or by incineration, or by burning if allowed by state and local authorities. If burned, stay out of smoke.

In case of fire, accident, major spillage, or other emergency, contact Wellmark International at [phone number], day or night.

# PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS CAUTION

Causes eye and skin imitation. Avoid contact with eyes, skin, or clothing. Avoid breathing dust. Wash thoroughly with soap and water after handling.

#### FIRST AID

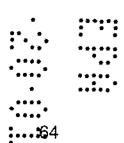
IF IN EYES: Flush eyes with plenty of water. Get medical attention if imitation persists. IF ON SKIN: Wash with plenty of soap and water. Get medical attention if imitation persists.

Seller makes no warranty, express or implied, concerning the use of this product other than indicated on the label. Buyer assumes all risk of use and handling of this material.

ALTOSID® 10% Cattle Premix is a registered trademark of Wellmark International.

Wellmark International Bensenville-Schaumburg IL 6017306

Made in USA



#### **REGULATORY LABEL DATA SHEET**

File Name:

Altosid cattle premix notif

301 block tub

سرومو سنم درمودنود و وحر المواريش بشر مود و و

Data Sheet Date:

March 2001

Product:

W. D.

ALTOSID CATTLE PREMIX

EPA Reg #:

2724-473

Approved:

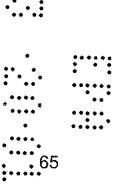
Submitted 3/16/01

Supercedes:

1/29/2001

OVERVIEW: Label submitted to include block and tub mineral supplements and proportional figures (ratio) in table of feed mixing directions

Page #	Description of Major Changes
 2	Directions for Use: Blending and Feeding – added to sentence to include additional mineral supplement forms ("loose or block")
3	Mixing/Blending table – included "block" and "molasses mineral tub" as additional types of mineral supplements with additional ratioed rates
4	Address change



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Wellmark International

1100 East Woodheld Rood, Suite 500 Schaumburg, Illinois 60173 847 330 5300

### Wellmark

March 16, 2001

Document Processing Desk (NOTIF) Office of Pesticide Programs 7504C U.S. Environmental Protection Agency Room 266A Crystal Mall 2 1921 Jefferson Davis Highway Arlington, Virginia 22202

ATTENTION: S. Reilly

SUBJECT:

NOTIFICATION OF LABEL REVISION PER PRN 98-10

ALTOSID® CATTLE PREMIX/EPA REG. NO. 2724-473

Dear Ms. Reilly:

Enclosed is completed EPA Form 8570-1 and one copy of revised labeling (red is new text; blue (strikeout) is deleted text) for the above product. The revision involves addition of 2 additional types of mineral supplement forms (blocks and mineral molasses tubs) in blending/mixing directions table and a ratioed rate. This label revision meets the criteria in PRN 98-10, §II, E and M. I have enclosed a self-addressed postcard for notification confirmation.

If you have any questions, please, call me directly at 847/330-5376. Thank you for your assistance in this matter.

Yours sincerely, WELLMARK INTERNATIONAL

Mary Huell

Nancy Huebl

Regulatory Specialist

enclosure

CC:

C. Elmi/J. Richardson

S. Spaulding/D. Murphy/S. Boutilier



#### UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

WASHINGTON, D.C: 20460

DEC 2001

OFFICE OF PREVENTION, PESTICIDES AND TOXIC SUBSTANCES

Steven R. Spaulding Wellmark International 1100 E. Woodfield Road Schaumburg, IL 60173

Dear Mr. Spaulding:

Subject:

Formulation Amendment Application and Confidential Statement of Formula

Your Submission Dated March 16, 2001

EPA Registration No. 2724-473, Altosid 10% Cattle Premix

On the basis of information furnished by the registrant, the above named pesticide is hereby amended under the Federal Insecticide, Fungicide and Rodenticide Act. This action does not eliminate the need for continual reassessment of the pesticide. If EPA determines at any time, that additional data are required to maintain in effect this registration, the Agency will require submission of such data under section 3(c)(2)(B).

This amended registration revises the Basic and Alternate formulations for this product. The revisions change the antioxidant to instead of

The Confidential Statement of Formula submitted for the new formulations (amendment) cited above are acceptable and have been placed in the file.

Sincerely,

Sheryl K. Reilly, Ph.D., Chief.

Biochemical Pesticides Branch

Biopesticides and Pollution

Prevention Division (7511C)

INEXT INCREDIENT INFORMATION IS NOT INCLUDED

**Certification must be Packaging wgt. container Packaging wgt. container Other (Specify)  **Submitted**  **Container** Packaging wgt. container** Other (Specify)  **Container** Other (Specify)  **Submitted**  **Submitted**  **A Size(s) Retail Container**	Yes X No	Yes X No Unit No. per	Yes X Ne	X PI	elal astic ass aper
Container   Cont		,			her (Specify)
Section - iV  1. Contact Point (Complete items directly below for identification of Individual to be contacted, if necessary, to process this application.)  Name Tritle Telephone No. (Include Area Code)  Steven R. Spaulding Manager, Regulatory Affairs  Certification  I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I			il Container	X On Label	
1. Contact Point (Complete items directly below for Identification of Individual to be contacted, if necessary, to process this application.)  Name Title Steven R. Spaulding Manager, Regulatory Affairs  Certification  I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I  6. Date Application Received	6. Manner in Which Label is Af	X Pape	in glued Ll "	ther	
Name Steven R. Spaulding Title Manager, Regulatory Affairs  Certification Foreity that the statements I have made on this form and all attachments thereto are true, accurate and complete. I  Telephone No. (Include Area Code) 847.330.5380  6. Date Application Received			Section - iV		
Steven R. Spaulding Manager, Regulatory Affairs 847.330.5380  Certification 6. Date Application Received Received	1, Contact Point (Complete	items directly below for identification of		ssary, to precess this	
Certification  6. Date Application  For the statements it have made on this form and all attachments thereto are true, accurate and complete. I	Name	A = 0.00			•
t certify that the statements t have made on this form and all attachments thereto are true, accurate and complete. I	Steven R. Spaulding	:	Manager, Regulatory Affairs		847.330,5380
under applicable law.	acknowledge that a	atements t have made on this form and all at any knowingly take or misleading statement	itachments therete are true, accurate		
2. Signature SL Spould 3. Title Manager, Regulatory Affairs	2. Signature SIS	ppulon			•
4. Typed Name Staven R. Spaulding  5. Date 16-Mar-01  White FPA File Copy (original) Yellow - Agra		V			File Cooy (original) Yellow - Armich

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·		Application fo	r Pesticide - Section		
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4. Company/Product (Name	≰tilo taky otopi				None Restricted
**	<u> </u>				
5. Name and Address of Ap	pplicant <i>linclude ZIP C</i>	iddel	5. Expedited Review.		
			(b)(i), my product is sim to:	liar or identical in oc	mposition and labeling
**. . *			EPA Reg. No.	<u> </u>	
Check if thi	is is a new address		Product Name		
	* .	\	ection - II		
Amendment - Explai	in below.		Final printed label	s in response to	
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#### PAPERWORK REDUCTION ACT NOTICE and INSTRUCTIONS

PAPERWORK REDUCTION ACT NOTICE: Public reporting burden for this collection of information is estimated to average 0.85 hour per response, including time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send considerits regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to Chief, Information Policy Branch, (2135), U.S. Environmental Protection Agency, 401 M Street, SW, Washington, DC 20460.

INSTRUCTIONS: This form is to be used for all applications for new registration, and use reregistration, amendment, resubmission, to applications for notifications, final printed labeling, reregistration, etc. In order to process an application for a new registration autimitted on this form, the following meterial must accompany the application:

- 1. Certification with Respect to Citation of Data (EPA Form 8570-29). [If not exempted by 40 CFR 152.81 (b) 14]];
- 2. Confidential Statement of Formula IEPA Form 8570-4);
- 3. Formulator's Examption Statement (EPA Form 8570-27);
- 4. Five copies of draft labeling:
- 5. Three copies of any date submitted;
- 6. Authorization letter where applicable;
- 7. Matrices where applicable.

Submission of Labeling - Labeling should first be submitted in the form of draft labels with all applications for naw registration. Such draft labels may be in the form of typed label text on 8.5 x 11 inch pager for submission of a mockup of the proposed tabel, if prepared for mockup, it should be constructed in a way as to facilitate storage in an S.5 x 11 inclu file. Mockup labels algrificantly smaller than S.5 x 11 inches should be mounted on S.5 x 11 inch paper for submission.

Submission of Data - Data submitted in support of this application must be submitted in accordance with PR Notice 86-5.

SPECIFIC INSTRUCTIONS: Please road the instructions listed below before completing this application. First determine the type of registration action, listed in Block A, for which you are submitting this application. For applications submitted in connection with New Registration actions, Sections I, Ill, and IV must be completed by the applicant. For applications submitted in connection with amended reregistration actions, resubmissions, notifications, reregistrations, atc., Sections I, II, and IV must be completed by the applicant. Block A - Check the appropriete action for which you are submitting this form.

SECTION 1 - This section must be completed, as applicable, for all registration actions.

- Company/Product Number insert your Company Number, if one has been assigned by EPA. This number may have been assigned to you as a basic registrent, a distributor, or as an establishment. If your product is registered, insert the Product Number,
- EPA Product Manager If known, fill in the name and PM number of the EPA Product Manager.
- 3. Proposed Classification Specify the proposed classification of this product.
- Product Name Enter the complete product name of this perficide as it will appear on the label. The name must be specific to this product only. Duplication of names is not permitted among products of the same company. Do not include any brand name or company line designations.
- Name and Address of Applicant The name of the firm or pareon and address shown in your application is the person or firm to whom the registration will be issued. If you are acting in behalf of another party, you must submit authorization from that party to act for them in registration metters. An applicant not residing in the United States must have an authorized agent residing in the United States to act for them in all registration matters. The name and complete mailing address of such an agent must eccompany this application.
- Expedited Review FIFRA section 3 (c) 3 (B) provides for expedited review of applications for registration, or arrendments to existing registrations. that are similar or identical to other pesticide products that are currently registered with the EPA. In order for your application to be sligible for expedited review, you must provide us with the EPA Registration Number and product name of the product you believe is similar to or identical your product. The product must be similar or identical in both formulation and labeled uses.

SECTION II - This section must be completed for all applications submitted to smend the registration only of a currently registered product (Amendment), for a resubmission in response to an Agency letter, for notifications to the Agency, for the submission of final printed labeling, for reregistration and for any other action that pertains to a specific EPA registered product. This section is not to be used for a new application for registration.

1. Subject of submission - Chack the applicable blook and provide the Agency letter date if appropriate. Provide a trief explanation of the purpose(s). for the submission, such as "the addition of a site, pest or crop (specify)"; "amend the Confidential Statement of Formula by ..."; "reregistration submission"; "general labal revision of use directions." Attach a separete page il additional space is needed.

SECTION III (Packaging and Container Information) - This Section must be completed for all applications submitted in connection with new registration of applicable amendments.

- 1. Type of Packaging Check the appropriate block if your product will be peckaged in the indicated packaging types. Indicate the size of the individual packets and number par retail container.
- 2. Type of Retail Container Indicate type of container in which product will be marketed.
- 3. Location of Net Contents Indicate the location of the net contents information for your product:
- 4. Size(s) of Retail Container Specify the net contents of all retail containers for your product.
- 5. Location of Use Directions Indicate the location of the use directions for your product.
- 6. Manner in which label is affixed to product Indicated the method product label is atteched to retail container.

SECTION IV (Contact Point) - This Section must be completed for all applications for Registration actions; i.e., new products registration resubmission, "me-100," reregistration, etc.

- 1-5. Self-explanatory.
- 5. EPA Use Only.

#### Wellmark International

1160 East Woodlield Road, Seite 500 Schouriberg, Illinois 60173 847 330 5300

## Wellmark

March 16, 2001

Document Processing Desk (AMEND)
Office of Pesticide Programs (H7504C)
U.S. Environmental Protection Agency
Room 266A, Crystal Mall 2
1921 Jefferson Davis Highway
Arlington, VA 22202

EXPEDITED REVIEW

Attn:

Dr. Sheryl Reilly (PM 91)

Biopesticide and Pollution Prevention Division

Subject:

Altosid 10% Cattle Premix Formulation Amendment

EPA Reg. No. 2724-473

Corrected Basic Formulation Confidential Statement of Formula (CSF) &

Submission of New Alternate Formulation CSF.

Dear Dr. Reilly;

This amendment to the Altosid 10% Cattle Premix registration is being submitted to correct errors discovered on the Basic Formulation CSF and to submit a new Alternate Formulation CSF containing the antioxidant. These changes are identical to those proposed in a formulation amendment submitted to the Agency on February 8, 2001 for Altosid CP-10 (EPA Reg. No. 2724-367). Altosid CP-10 and Altosid 10% Cattle Premix are identical formulations containing 10.5% of the active ingredient S-Methoprene; however, the labels are different in that Altosid CP-10 is a Manufacturing Use Product (MUP) and Altosid 10% Cattle Premix is an End-Use Product (EUP). Details concerning the changes to the CSF are outlined as follows:

### Corrected Basic Formulation CSF

- (a) change in Wellmark International address.
- (b) correction in
- (c) correction in upper and lower certified limits for respectively.

New Alternate Formulation CSF

- (a) is specified as an alternative antioxidant for a set an equivalent % by weight of
- (b) A different grade of significant significant is designated in the alternate formulation which has the same CAS# as significant in the basic formulation.

This amendment includes the following documentation:

- 1. Application for Pesticide Amendment EPA Form 8570
- 2. Corrected Basic Formulation CSF (2 copies).
- 3. New Alternate Formulation CSF (2 copies).

INSTITUTED TON 23 NOT ANCHOROUS TRANSPORT TRANSPORT

Please replace the CSF dated January 18, 2000 in your files with those included with this submission. These CSF changes do not require any changes to the product labeling. Since only minor corrections were made on the Basic Formulation CSF and there are only minor differences in the Alternate Formulation CSF, I believe this minor formulation amendment qualifies for an expedited review.

Please contact me at (847) 330-5380 if you have any questions.

Sincerely yours,

Steven R. Spaulding

Manager, Regulatory Affairs

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## UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

WASHINGTON, D.C. 20460

JAN 29 2001

OFFICE OF PREVENTION, PESTICIDES AND TOXIC SUBSTANCES

Steven R. Spaulding Wellmark International 1000 Tower Lane, Suite 245 Bensenville IL 60106

Dear Mr. Spaulding:

Subject:

Formulation Amendment Application and Confidential Statement of Formula

Your Submission Dated February 18, 2000

EPA Registration No. 2724-473, ALTOSID 10% Cattle Premix

On the basis of information furnished by the registrant, the above named pesticide is hereby amended under the Federal Insecticide, Fungicide and Rodenticide Act. This action does not eliminate the need for continual reassessment of the pesticide. If EPA determines at any time, that additional data are required to maintain in effect this registration, the Agency will require submission of such data under section 3(c)(2)(B).

This amended registration allows for the substitution of S-Methoprene Technical (CAS #65733-16-6), EPA Reg. No. 2724-442, for Methoprene Technical (CAS #40596-69-8), EPA Reg. No. 2724-441, as the active ingredient in the Formulation Intermediate product, Altosid CP-10 (EPA Reg. No. 2724-367) used to formulate this product. No other ingredient changes have been made.

The Confidential Statement of Formula submitted for the new formulation (amendment) cited above is acceptable and has been place in the file. In addition, a stamped copy of your new label is enclosed.

Sincerely,

Janet L. Andersen, Ph.D.

Director

Biopesticides and Pollution

Prevention Division (7511C)

Enclosure

[ [indicates optional statements

## **ALTOSID® 10% CATTLE PREMIX**

To prevent the breeding of horn flies in the manure of treated cattle

ACTIVE INGREDIENT:		
S-Methoprene (CAS #65733-16-6)		10.5%
OTHER INGREDIENTS:		
	Total	100.0%

## KEEP OUT OF REACH OF CHILDREN

CAUTION

See additional precautionary statements

EPA Reg. No. 2724-473 Net Wt.



EPA Est. No.

## General Information

ALTOSID® 10% Cattle Premix is a premix which, when blended into a cattle ration according to the Directions for Use given below, will control horn flies which develop in cattle manure. ALTOSID 10% Cattle Premix is intended for use only in cattle.

## **DIRECTIONS FOR USE**

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.

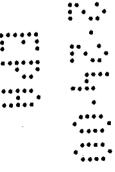
## Blending and Feeding ALTOSID 10% Cattle Premix

ALTOSID 10% Cattle Premix interrupts the development of the horn fly in the manure of treated cattle [prevents the breeding of horn flies in the manure of treated cattle][prevents emergence of adult horn flies from the manure of treated cattle]. Begin use in the spring before horn flies appear on cattle and continue feeding until cold weather restricts horn fly activity.

ALTOSID 10% Cattle Premix rations may be fed to beef and dairy cattle, including breeding cattle, lactating cattle, and calves. When used as directed, rations containing ALTOSID 10% Cattle Premix may be fed up to slaughter, and to lactating dairy cows without withholding milk.

This product can be used in complete feeds, concentrates, hand feeds, or mineral supplements.

ALTOSID 10% Cattle Premix is fed to cattle at the level of 340 mg/100 lb body weight/month to achieve horn fly control. This rate is equal to 11.3 mg ALTOSID 10% Cattle Premix/100 lb body weight/day. The calculations in the chart below assume a 1000 pound animal as the head weight; see chart for mixing directions:



FEED PRODUCT	DAILY FEEDING RATE	RATIO OF SUPPLEMENT TO FEEDSTUFFS	ALTOSID 10% Cattle Premix IN SUPPLEMENT mg/lb (%)	ALTOSID 10% Cattle Premix IN FEED mg/lb (%)	GRAMS ALTOSID 10% Cattle Premix/ TON OF FEEO PRODUCT g/ton
Complete Feed	2.6 lb/cwt	-		4.3 (0.001)	8.7
Supplement or Premix	-	1:9	44 (0.01)	4.3 (0.001)	87
for Preparing	•	1:19	87 (0.02)	4.3 (0.001)	174
Complete Feeds	•	1:39 1:79	174 (0.04) 348 (0.08)	4.3 (0.001) 4.3 (0.001)	348 696
Complete Feed	3.5 lb/cwt*	1,72	*	3.2 (0.0007)	6.5
Supplement or Premix		1:9	32 (0.007)	3.2 (0.0007)	65 .
for Preparing	-	1:19	65 (0.014)	3.2 (0.0007)	130
Complete Feeds	1 -	1:39	129 (0.028)	3.2 (0.0007)	260
	-	1:79	258 (0.056)	3.2 (0.0007)	520
Concentrate Fed with Roughage	1.0 lb/cwt	- ′		11.3 (0.0025)	22.6
Supplement or Premix	-	1:9	113 (0.025)	11.3 (0,0025)	226
for Preparing	<u> -</u>	1:19	226 (0.05)	11.3 (0,0025)	452
Concentrate Feeds	-	1:39	452 (0.10)	11.3 (0,0025)	904
		1:79	904 (0.20)	11.3 (0.0025)	1808
Supplement for	2.0 lb/head	-	57 (0.013)	-	113
land Feeding	1.5 lb/head	-	75 (0.017)	-	151
	1.0 lb/head		113 (0.025)	-	226
	0.5 lb/head	·	226 (0.050)	-	452
Mineral Mix	4.0 oz/head	=======================================	452 (0.10)	-	904
	3.0 oz/head	-	603 (0.13)	-	1206
	2.0 oz/head	1 - !	904 (0.20)	-	1808
	1.0 oz/250 lb	-	452 (0.10)	-	904
	1.0 oz/500 lb	-	904 (0.20)	-	1808
L	1.0 oz/750 lb	<u> </u>	1356 (0,30	<u> </u>	2712

Consumption level of total ration formulated for lactating dairy cattle at 3.5% body weight intake.

## Important Note to Feed Mill Operators

- ALTOSID 10% Cattle Premix is a light fluffy product and therefore, whenever possible, the material should be added directly to the mixer. Elevators, long free-fall gravity chutes, etc. should be avoided.
- It is critical in order to avoid loss of the low density premix that additions be made under conditions
  of low air turbulence or flow (shut off exhaust systems during ALTOSID 10% Cattle Premix
  addition).
- Whenever possible, add the ALTOSID 10% Cattle Premix after the addition of the liquid components and blend to homogeneity.

### When and How to Use ALTOSID 10% Cattle Premix

Start feeding ALTOSID 10% Cattle Premix early in the spring before horn flies appear. Continue feeding throughout the summer and into the fall until cold weather restricts fly activity...

If significant numbers of adult horn flies are already present when ALTOSID 10% Cattle Premix is introduced, it may take 3 to 5 weeks for an effect on the adult horn fly population to be clearly observed. For fast relief from existing fly burdens, consider the use of adulticide sprays, dusts, backrubbers, or pour-ons.

Adult horn flies remain feeding on cattle day and night and leave the animal only to lay eggs in freshly passed manure. Without ALTOSID 10% Cattle Premix, eggs hatch and develop in the manure, resulting in a new generation of adult flies. These newly emerged flies may be carried downwind to a neighboring herd. Area wide fly control to include neighboring herds reduces the numbers of migrating flies.

ALTOSID 10% Cattle Premix may be fed up to slaughter and to lactating dairy cows without withholding milk.

#### STORAGE AND DISPOSAL

Storage: Store ALTOSID 10% Cattle Premix in a cool dry place. Do not contaminate water, food, or feed by storage or disposal.

Pesticide Disposal: Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

Container Disposal: Completely empty bag into mixer. Dispose of empty bag in a sanitary landfill or by incineration, or by burning if allowed by state and local authorities. If burned, stay out of smoke.

In case of fire, accident, major spillage, or other emergency, contact Wellmark International at [phone number], day or night.

# PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS CAUTION

Causes eye and skin irritation. Avoid contact with eyes, skin, or clothing. Avoid breathing dust. Wash thoroughly with soap and water after handling.

#### FIRST AID

IF IN EYES: Flush eyes with plenty of water. Get medical attention if irritation persists. IF ON SKIN: Wash with plenty of soap and water. Get medical attention if irritation persists.

Seller makes no warranty, express or implied, concerning the use of this product other than indicated on the label. Buyer assumes all risk of use and handling of this material.

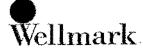
ALTOSID® 10% Cattle Premix is a registered trademark of Wellmark International.

Wellmark International Bensenville IL 60106

Made in USA

#### Wellmark International

1000 Tower Lone, Suite 245 Bensenville, Illinois 60105 530 227 6000



February 22, 2000

Document Processing Desk (AMEND) Office of Pesticide Programs (H7504C) U.S. Environmental Protection Agency Room 266A, Crystal Mall 2 1921 Jefferson Davis Highway Arlington, VA 22202

Attn: Dr. Janet Anderson (PM 90)

Biopesticide and Pollution Prevention Division

Subject: Formulation Amendments to Convert End-Use Products Containing R/S-

Methoprene to S-Methoprene.

Altosid CP-10 - EPA Reg. No. 2724-367

Zoecon Granular IGR Cattle Supplement – EPA Reg. No. 2724-372 Zoecon Block IGR Cattle Supplement – EPA Reg. No. 2724-373

Altosid Briquets - EPA Rcg. No. 2724-375

Kabat Tobacco Protector - EPA Reg. No. 2724-377

Kabat Tobacco Protector Concentrate - EPA Reg. No. 2724-384

Altosid 10% Cattle Premix – EPA Reg. No. 2724-473 Altosid Cattle Concentrate – EPA Reg. No. 2724-474

Dear Dr. Anderson:

Please find enclosed formulation amendment packages required to convert the active ingredient in the eight end-use products cited above from (R/S)-Methoprene to (S)-Methoprene. Table 1 lists EPA Registered Name, EPA Reg. No., Active Ingredient Content and Confidential Statements of Formula (CSF's) for each of the products covered by this submission package. This changeover to (S)-Methoprene is required as Wellmark rationalizes future manufacturing requirements and phases out (R/S)-Methoprene production. These amendments were discussed with Mr. W. Nelson on several occasions and it was agreed that the registration numbers would remain the same for the amended end-use products since only label and CSF changes related to the conversion from (R/S)- to (S)-Methoprene are required. No offer changes in the inert ingredient components or labeling for these products are necessary.

The rational for these amendments is based on the fact that the active ingredients (R/S)Methoprene (EPA Reg. No. 2724-441) and (S)-Methoprene (EPA Reg. No. 2724-442) behave
essentially the same in end-use formulations with respect to safety and efficacy. The (S)enantiomer of methoprene has been determined to be the biologically active form and the (R)enantiomer is essentially an inert impurity. Enantiomers such as these are known to have identical
physicochemical properties. Therefore, we propose that the level of (S)-Methoprene remain the
same in the amended formulations as the levels of (R/S)-Methoprene in the current formulas.

Acute toxicity studies conducted with the racemic mixture and pure (S)-enantiomer have shown the same toxicological properties. Based upon our knowledge of methoprene metabolic pathways, both enantiomers will be metabolized and degraded into simple molecules such as acetate and carbon dioxide which is re-incorporated into endogenous products such as cholesterol. Since the physicochemical properties and metabolic pathways are the same for both enantiomers, deposition in tissues and subsequent residue profiles as well as depletion from the environment will be equivalent. Therefore, all tolerances (40 CFR 180.359 and 40 CFR 186.4150) and exemptions from tolerances (40 CFR 180.1033 and 40 CFR 185.4150) established for (R/S)-Methoprene are applicable to (S)-Methoprene as well. A Petition for a Generic Tolerance Exemption for (S)-Methoprene is currently under review by the Agency.

A precedent for bridging chemistry, toxicology, residue and efficacy data from (R/S)- to (S)-Methoprene was established when the (S)-Methoprene Bolus for Beef and Dairy Cattle (EPA Reg. No. 2724-356) was registered in 1986 based on data submitted in support of the (R/S)-Methoprene version of the bolus (EPA Reg. No. 2724-330). In addition, the Agency granted a tolerance exemption waiver for (S)-Methoprene in May 1997 so that Wellmark could compare the field efficacy of (S)- and (R/S)-Methoprene for controlling horn flies around cattle. Results from these trials confirmed the biological equivalence of (S)- and (R/S)-Methoprene cattle supplements against horn flies.

Each of the formulation amendments included with this submission package contains the following:

- 1. Application for Pesticide Amendment EPA Form 8570
- 2. Confidential Statement of Formula (CSF; 2 copies)
- 3. Wellmark Regulatory Label Data Sheet (1 copy describing product specific label changes with changes highlighted in color on the label).
- 4. Amended Labels (5 copies; 1 copy for EPA stamping).

We anticipate stocks of (R/S)-Methoprene will be depleted by December 2000 therefore approval of these amended formulations is crucial by then. We also would require at least 12 months following approval of the (S)-Methoprene formulations to complete all label and packaging component transitions as well as sell-through of existing (R/S)-Methoprene product inventories.

Moorman's Manufacturing Company is the registrant of seven (R/S)-Methoprene cattle supplement products. We have been in contact with Dr. A. French at Moorman's concerning the transition from (R/S)- to (S)-Methoprene and we have agreed to submit all of the formulation amendments from both companies concurrently on the same day to facilitate Agency Review.

Please contact me at (630) 227-6074 if you have any questions.

Sincerely yours,

Steven R. Spaulding

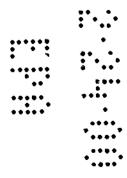
SK Spauld

Manager, Regulatory Affairs

# TABLE 1 FORMULATION AMENDMENTS TO CONVERT (R/S)-METHOPRENE TO (S)-METHOPRENE END-USE PRODUCTS

EPA REGINO.	EPA REGISTERED	i Active Ingradient (A) Content	
2724-367	Altosid CP-10	10.5%	Basic Only
2724-372	Zoecon Granular IGR Cattle Supplement	0.02%	Basic, Alternate A, Alternate B, Alternate C, and Alternate D
2724-373	Zoecon Block IGR Cattle Supplement	0.02	Basic, Alternate A and Alternate B
2724-375	Altosid Briquets	8.6%	Basic Only
2724-377	Kabat Tobacco Protector	5.2%	Basic Only
2724-384	Kabat Tobacco Protector Concentrate	80.0%	Basic Only
2724-473	Altosid 10% Cattle Premix	10.5%	Basic Only
2724-474	Altosid Cattle Concentrate	0.4%	Basic and alternate formulation

<sup>\*</sup> Nominal concentrations for the ai on the CSF and label are the same for the proposed amended (S)-Methoprene and currently registered (R/S)-Methoprene product



Pleise Xad Instructions on re	verse before completing form.		«» <u>»</u>	Form A	pproved. OMB No. 2	070-0060. Approval expires 2:28-95
	United	States			Registration	OPP Idenlifier Number
<b>₽</b> EPA	Environmental Pr		fency	X	Amendment	271419
		n, DC 20460			Other	911717
		Application	for Pesticide - Sectio	n l	**************************************	
Company/Product Number     Ark International/273	74.473		EPA Product Manager     S. Reilly			3. Proposed Classification
	· · · · · · · · · · · · · · · · · · ·	······································				
Company/Product (Name)     Wellmark International//	Altosid Cattle Premix		PM#		X None Restricted	
			Biopesticides			
5 Name and Address of Applic	cant / Registrant [Include ZIP Code	)	6. Expedited Review.	. In ac	cordance with FIFR	A Section 3(C)(3)
Wellmark International			(b)(i), my product is sin	milar or	identicat in composi	tion and labeling to:
1000 Tower Lane	00		EPA Reg. No			
Bensenville, Illinois 6010	J6		Product Name			
Check if this is a	n new address					
	3 35044 60503.500		Section - II			
X Amendment - Explain bek	9 <b>w</b>			ımled labı Hatler dal		
Resubmission in response	e to Agency letter dated			o" Applica	^^	
- bussend	- 200			Evalain b	.nlm	
Notification - Explain below.  Other - Explain below.						
an ation: Use additional page(s) if necessary. (For section I and section II.)						
Amendment to change pro	oduct active ingredient from Ri	/S to S-Metho	Prene			
			Section - III	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		
1. Material This Product Will	be Packaged In:					
Gesistant Packaging	Unit Packaging	W	ater Soluble Packaging		2. Type of Container	
	X Yes		Yes		X Metal	
Yes	No		No		X Plastic	
L^] №	II "Yes Unit No	. per 11"	Ces Unit No. p	nsar	Glass X Paper	
* Certification must be	* · · · · · · · · · · · · · · · · · · ·	. 4	skaging wgt conta		Other (Spe	cify)
submitted	6LB					
3. Location of Net Contents III.	Ionnation 4. Siz	e(s) Retait Cont	ainer	5. Loca	ition of Label Directions	•
Eathel X C	ontainer			-2	On Label On Label Ascompa	navina Drodur≪
6. Manner in Which Label is A	Mixed to Product	Lithograph	По	i <u>l</u> her	On Laser recomp	adust trans
D. WARRING TO THIS COURT IS		Paper gluer			·	
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						7
1. Contact Point (Complete Name	Hems directly below for identific	True	Buarto de comacieo, il neces	2291Å, 10	<del></del>	one No. (Include Area Code)
Steven R. Spaulding		§	ager, Regulatory Affairs		· · · · · · · · · · · · · · · · · · ·	227-6074
**************************************	**************************************					**************************************
4		Certification	and the sector are less an account	and one	nataria. I	6. Date Application Received
acknowledge that	latements I have made on this form any knowingly false or misleading	sialements my l	be punishable by line or impris	onment o	r both	• (Stanfped)
under applicable !	aw.					
2. Signature	0.6	3. Tig	e		*	
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4. Typed Name		5. Oa			••	
Steven R. Spaulding		-	February 18,2	2000	• • • • • • • • • • • • • • • • • • • •	••••
		ž.	1 /			* *

Piesso reed instructions o	n reverse before completing :	form.	Form Appro	ved. OMB No. 2070-0	X060
<b>⊕EPA</b>	Environmental Pr	otection Age	ncy	Registration Amendmer Other	<b>.</b> .
·	· Apı	olication for I	Pesticide - Secti	on I	
). Company/Product Num	per		2. EPA Product Mana	gar	3. Proposed Classification
4. Company/Product (Nerr	20)	»;	PM#		None Restricted
	pplicant (Include ZIP Code)	200	6. Expedited Revi (b)(i), my product is to: EPA Reg. No Product Name _ tion - II	ew. In accordance similar or identical	with FIFRA Section 3(c)(3) in composition and labeling
		980	COH - A	<del></del>	endere
Amendment - Expl	sponse to Agency letter dete	sd	Final printed Agency lette "Me Too" A	polication.	
	ionai pageisi if necessary. Vi				*
		Sec	tion - III		
). Material This Product )	Will Be Packaged In:		Village en en en en en		ar kadi op e
Child-Resistant Packaging Yes* No Pertification must	Unit Packaging Yes Ne If "Yes" N	o. par	Soluble Packaging Yes	2. Type of Con Pi	<del></del>
be submitted	i				;
3. Location of Net Conten	Container 4.	Size(s) Reteil Conte	iner	E WASHINGTON	irections secompanying product
6. Manner in Which Label	is Affixed to Product	Lithograph Peper glued Stanciled	Other		
		Sec	tion - IV	F-200 - 11	
1. Contact Point (Comple	ete items directly below for it	dentification of indiv	idual to be contacted,	if nacessary, to proces	es this application.)
Name		Title		Tel	ophone ig. (Include Area Code)
I certify that the st I acknowledge that both under applical	stements I have made on this any knowingly felse or miste	eding statement m	ments thereto are true by be punishable by fin	, accurate and complig	6. Pate Application Received ####################################
2. Signature		3. Title	· · · · · · · · · · · · · · · · · · ·	s Signer	
4. Typed Neme		5. Dare			82
1	_	1	5.4	7 -7 -	** ** ** ** ** ** ** ** ** ** ** ** **

## PAPERWORK REDUCTION ACT NOTICE and INSTRUCTIONS

PAPERWORK REDUCTION ACT NOTICE: Public reporting burden for this collection of information is estimated to everage 0.85 hour per response, including time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send considers regarding the burden estimate or any other espect of this collection of information, including suggestions for reducing this burden, to Chief, information Policy Branch, (2135), U.S. Environmental Protection Agency, 401 M Street, SW, Washington, DC 20480.

INSTRUCTIONS: This form is to be used for all applications for new registration, and use reregistration, amendment, resubmission, to applications for notifications, final printed labeling, reregistration, etc., in order to process an application for a new registration submitted on this form, the following material must accompany the application:

- 1. Certification with Respect to Citation of Data (EPA Form 8570-29). [If not exempted by 40 CFR 152.61 (b) (4)];
- 2. Confidential Statement of Formula (EPA Form 8570-4);
- 3. Formulator's Exemption Statement (EPA Form \$570-27);
- 4. Five copies of dreft labeling:
- 5. Three copies of any data submitted;
- 6. Authorization letter where applicable;
- 7. Matrices where applicable.

submission of Labeling - Labeling should first be submitted in the form of draft labels with all applications for new registration. Such draft labels may be in the form of typed label text on 8.5 x 11 inch paper for submission or a mockup of the proposed label. If prepared for mockup, it should be constructed in a way as to facilitate storage in an 8.5 x 11 inch file. Mockup labels significantly smaller than 8.5 x 11 inches should be mounted on 8.5 x 11 inch paper for submission.

Submission of Data - Data submitted in support of this application must be submitted in accordance with PR Notice 86-5.

SPECIFIC INSTRUCTIONS: Please read the instructions listed below before completing this application. First determine the type of registration action, listed in Block A, for which you are submitting this application. For applications submitted in connection with New Registration actions, Sections I, III, and IV must be completed by the applicant. For applications submitted in connection with amended reregistration actions, resubmissions, notifications, reregistrations, stc... Sections I, II, and IV must be completed by the applicant.

Block A - Check the appropriate action for which you are submitting this form.

SECTION 1 - This section must be completed, as applicable, for all registration actions.

- Company/Product Number Insert your Company Number, if one has been assigned by EPA. This number may have been assigned to you as a
  basic registrent, a distributor, or as an establishment. If your product is registered, Insert the Product Number.
- 2. EPA Product Manager If known, fill in the name and PM number of the EPA Product Manager.
- 3. Proposed Classification Specify the proposed classification of this product.
- 4. Product Name Enter the complete product name of this positiode as it will appear on the label. The name must be specific to this product only.

  Duplication of names is not permitted among products of the same company. Do not include any brand name or company line designations.
- 5. Name and Address of Applicant The name of the firm or person and address shown in your application is the person or firm to whom the registration will be issued. If you are acting in behalf of another party, you must submit submit submit at party to act for them in registration matters. An applicant not residing in the United States must have an authorized agent residing in the United States to act for them in all registration matters. The name and complete mailing address of such an agent must accompany this application.
- 6. Expedited Review FIFRA section 3 (a) 3 (B) provides for expedited review of applications for registration, or amendments to existing registrations, that are similar or identical to other posticide products that are currently registered with the EPA. In order for your application to be sligible for expedited review, you must provide us with the EPA Registration Number and product name of the product you believe is similar to or identical in both formulation and labeled uses.

SECTION II - This section must be completed for all applications submitted to amend the registration only of a currently registered product (Amendment), for a resubmission in response to an Agency letter, for notifications to the Agency, for the submission of final printed labeling, for reregistration and for any other action that pertains to a specific EPA-registered product. This section is not to be used for a new application for registration.

Subject of automission - Check the applicable block and provide the Agency letter data if appropriate. Provide a brief explanation of the purpose(s) for the submission, such as "the addition of a site, past or crop (specify)"; "emend the Confidential Statement of Formula by..."; "reregistration submission"; "general label revision of tise directions." Attach a separate page if additional space is needed.

SECTION III (Packaging and Container information) - This Section must be completed for all applications submitted in connection with new registration or applicable amendments.

- 1. Type of Packeting Check the appropriate block if your product will be packeged in the indicated packeging types.
  Indicate the size of the individual packets and number per retail container.
- 2. Type of Retail Container indicate type of container in which product will be marketed.
- 3. Location of Net Contents Indicate the location of the net contents information for your product.
- 4. Size(s) of Retail Container Specify the net contents of all retail containers for your product.
- 5. Location of Use Directions Indicate the location of the use directions for your product.
- 5. Menner in which and is affixed to product indicated the method product label is attached to ratel container.

SECTION IV (Contact Point) - This Section must be completed for all applications for Registration actions, i.e., new products registration, resubmission, "me-166," reregistration, etc.

- 1-5. Self-explanatory
- 6. EPA Use Only.

#### UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

SEP 2 2 1997

Mr. Steven R. Spaulding Wellmark International 1000 Tower Lane, Suite 245 Bensenville, IL 60106

Dear Mr. Spaulding:

Subject: METHOPRENE REREGISTRATION

Label Submitted for Methoprene reregistration Change

Sandoz to Wellmark International

Altosid 10% Cattle Premix EPA REG. NO. 2724-473

Your submission of September 4, 1997

The amendment referred to above, submitted in connection with reregistration under the authority of section 4(g)(2)(C) of the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, is acceptable. A stamped copy of the labeling is enclosed for your records.

Sincerely,

anet L. Andersen, Ph. D., Director Biopesticides and Pollution Prevention

Division (7511W)

Wnelson:09/17/97:308-8682:epa no.2724-473:methoprene STD CONCURRENCES SYMBOL

Printed on Recycled Paper

OFFICIAL FILE COPY

[] indicates optional statements

## **ALTOSID® 10% CATTLE PREMIX**

To prevent the breeding of horn flies in the manure of treated cattle

# KEEP OUT OF REACH OF CHILDREN CAUTION

See additional precautionary statements

EPA Reg. No.: 2724-473

EPA Est. No.:

Net Wt.:

ACCEPTED

SEP 22 1997

Under the reciscile reciscide, recision and Rodenficide Act, as amended, for the pasticide registered under the PARCE, Ro. 2 7244 47.3

## General Information

ALTOSID 10% Cattle Premix is a premix which, when blended into a cattle ration according to the Directions for Use given below, will control horn flies which develop in cattle manure. ALTOSID 10% Cattle Premix is intended for use only in cattle.

#### **DIRECTIONS FOR USE**

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.

## Blending and Feeding ALTOSID 10% Cattle Premix

ALTOSID 10% Cattle Premix interrupts the development of the horn fly in the manure of treated cattle [prevents the breeding of horn flies in the manure of treated cattle][prevents emergence of adult horn flies from the manure of treated cattle]. Begin use in the spring before horn flies appear on cattle and continue feeding until cold weather restricts horn fly activity.

ALTOSID 10% Cattle Premix rations may be fed to beef and dairy cattle, including breeding cattle, lactating cattle, and calves. When used as directed, rations containing ALTOSID 10% Cattle Premix may be fed up to slaughter, and to lactating dairy cows without withholding milk.

This product can be used in complete feeds, concentrates, hand feeds, or mineral supplements.

ALTOSID 10% Cattle Premix is fed to cattle at the level of 340 mg/100 lb body weight/month to achieve horn fly control. This rate is equal to 11.3 mg ALTOSID 10% Cattle Premix/100 lb body weight/day. The calculations in the chart below assume a 1000 pound animal as the head weight; see chart for mixing directions:

FEED PRODUCT	DAILY FEEDING RATE	RATIO OF SUPPLEMENT TO FEEDSTUFFS	ALTOSIO 10% Cattle Premix IN SUPPLEMENT mg/lb (%)	ALTOSID 10% Cattle Premix IN FEED mg/lb (%)	GRAMS ALTOSID 10% Cattle Premix TON OF FEED PRODUCT giton
Complete Feed	2.6 lb/cwt	•		4.3 (0.001)	8.7
Supplement or Premix		1:9	44 (0.01)	4.3 (0.001)	87
/or Preparing	-	1:19	87 (0.02)	4.3 (0.001)	174
Complete Feeds	1 .	1:39	174 (0.04)	4.3 (0.001)	348
		1:79	348 (0.08)	4.3 (0.00t)	698
Complete Feed	3.5 lb/cwt*	•	<u>-</u>	3.2 (0.0007)	6.5
Supplement or Premix	-	1:9	32 (0.007)	3.2 (0.0007)	65
for Preparing	-	1:19	65 (0.0 t4)	3.2 (0.0007)	130
Complete Feeds		1:39	129 (0.028)	3.2 (0,0007)	260
	-	E79_	258 (0.056)	3.2 (0.0007)	520
Concentrate Fed with Roughage	1.0 lb/cwt	•	-	11.3 (0,0025)	22.6
Supplement or Premix		1:9	113 (0.025)	11.3 (0.0025)	226
for Preparing		] 1;19 ]	226 (0.05)	11.3 (0.0025)	1 452
Concentrate Feeds		1:39	452 (0.10)	11,3 (0,0025)	904
	·	1:79	904 (0.20)	11.3 (0,0025)	1808
Supplement for	2.0 lb/head		57 (0,013)	-	113
Hand Feeding	1.5 lb/head	·	75 (0.017)		15 t
	1.0 lb/head		113 (0.025)	1 -	226
	0.5 lb/head		226 (0.050)		452
Mineral Mix	4.0 oz/head		452 (0.10)	•	804
	3.0 oz/head	<b>,</b> - {	603 (0.t3)	-	120 <del>5</del>
	2.0 oz/head		904 (0.20)	-	1908
	1.0 oz/250 lb	! · í	452 (0.t0)		904
	1.0 oz/500 lb		904 (0.20)	٠ .	1608
	1.0 oz/750 lb	ll	1356 (0.30	1 -	2712

<sup>\*</sup> Consumption level of total ration formulated for factating dairy cattle at 3.5% body weight intake.

## Important Note to Feed Mill Operators

- ALTOSID 10% Cattle Premix is a light, fluffy product and therefore, whenever possible, the material should be added directly to the mixer. Elevators, long free-fall gravity chutes, etc. should be avoided.
- It is critical in order to avoid loss of the low density premix that additions be made under conditions of low air turbulence or flow (shut off exhaust systems during ALTOSID 10% Cattle Premix addition).
- Whenever possible, add the ALTOSID 10% Cattle Premix after the addition of the liquid components and blend to homogeneity.

## When and How to Use ALTOSID 10% Cattle Premix

Use ALTOSID 10% Cattle Premix to break the life cycle of the horn fly. When fed to cattle, ALTOSIO 10% Cattle Premix passes through the digestive system and is deposited throughout the manure. Here it stops the development of immature horn flies, before they can emerge as new adult flies. ALTOSID 10% Cattle Premix does not affect existing adult flies.

Start feeding ALTOSID 10% Cattle Premix early in the spring before horn flies appear. Continue feeding throughout the summer and into the fall until cold weather restricts fly activity.

If significant numbers of adult horn flies are already present when ALTOSID 10% Cattle Premix is introduced, it may take 3 to 5 weeks for an effect on the adult horn fly population to be clearly observed. For fast relief from existing fly burdens, consider the use of adulticide sprays, dusts, back-rubbers, or pour-ons.

Adult horn flies remain feeding on cattle day and night and leave the animal only to lay eggs in freshly passed manure. Without ALTOSID 10% Cattle Premix, eggs hatch and develop in the manure, resulting in a new generation of adult flies. These newly emerged flies may be carried downwind to a neighboring herd. Area wide fly control to include neighboring herds reduces the numbers of migrating flies.

ALTOSID 10% Cattle Premix may be fed up to slaughter and to lactating dairy cows without withholding milk.

### STORAGE AND DISPOSAL

Storage: Store ALTOSID 10% Cattle Premix in a cool, dry place. Do not contaminate water, food, or feed by storage or disposal.

Disposal: Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

Container Disposal: Completely empty bag into mixer. Dispose of empty bag in a sanitary landfill or by incineration, or by burning if allowed by state and local authorities. If burned, stay out of smoke.

In case of fire, accident, major spillage, or other emergency, contact Wellmark International at \_\_\_\_\_\_ day or night.

## PRECAUTIONARY STATEMENTS (Hazards to Humans and Domestic Animals) CAUTION

Causes eye and skin irritation. Avoid contact with eyes, skin, or clothing. Avoid breathing dust. Wash thoroughly with soap and water after handling.

## STATEMENT OF PRACTICAL TREATMENT

IF IN EYES: Flush eyes with plenty of water. Get medical attention if irritation persists. IF ON SKIN: Wash with plenty of soap and water. Get medical attention if irritation persists.

Seller makes no warranty, express or implied, concerning the use of this product other than indicated on the label. Buyer assumes all risk of use and handling of this material.

ALTOSID® 10% Cattle Premix is a registered trademark of Wellmark International.

Wellmark International Bensenville IL 60106

Made in USA

### UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

SEP 22 1530

Mr. Steven R. Spaulding Wellmark International 1000 Tower Lane, Suite 245 Bensenville, IL 60106

Dear Mr. Spaulding:

Subject: METHOPRENE REREGISTRATION

Label Submitted for Methoprene reregistration Change

Sandoz to Wellmark International

Altosid 10% Cattle Premix EPA REG. NO. 2724-473

Your submission of September 4, 1997

The amendment referred to above, submitted in connection with reregistration under the authority of section 4(g)(2)(C) of the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, is acceptable. A stamped copy of the labeling is enclosed for your records.

Sincerely,

fant L. Andersen, Ph. D., Director
Biopesticides and Pollution Prevention
Division (7511W)

Whelson:09/17/97:308-8682:epa no.2724-473:methoprene STD

CONCURRENCES

SURNAME NCS NSSA

EPA Form 1920-1A (1/90)

Printed on Recycled Paper

OFFICIAL FILE COPY

[] indicates optional statements

## **ALTOSID® 10% CATTLE PREMIX**

To prevent the breeding of horn flies in the manure of treated cattle

## KEEP OUT OF REACH OF CHILDREN

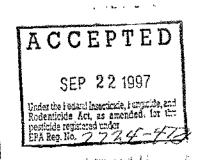
CAUTION

See additional precautionary statements

EPA Reg. No.: 2724-473

EPA Est. No.:

Net Wt.:



91

## General Information

ALTOSID 10% Cattle Premix is a premix which, when blended into a cattle ration according to the Directions for Use given below, will control horn flies which develop in cattle manure. ALTOSID 10% Cattle Premix is intended for use only in cattle.

#### DIRECTIONS FOR USE

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.

## Blending and Feeding ALTOSID 10% Cattle Premix

ALTOSID 10% Cattle Premix interrupts the development of the horn fly in the manure of treated cattle [prevents the breeding of horn flies in the manure of treated cattle][prevents emergence of adult horn flies from the manure of treated cattle]. Begin use in the spring before horn flies appear on cattle and continue feeding until cold weather restricts horn fly activity.

ALTOSID 10% Cattle Premix rations may be fed to beef and dairy cattle, including breeding cattle, lactating cattle, and calves. When used as directed, rations containing ALTOSID 10% Cattle Premix may be fed up to slaughter, and to lactating dairy cows without withholding milk.

This product can be used in complete feeds, concentrates, hand feeds, or mineral supplements.

ALTOSID 10% Cattle Premix is fed to cattle at the level of 340 mg/100 lb body weight/month to achieve horn fly control. This rate is equal to 11.3 mg ALTOSID 10% Cattle Premix/100 lb body weight/day. The calculations in the chart below assume a 1000 pound animal as the head weight; see chart for mixing directions:

FEEO PRODUCT	OAILY FEEDING RATE	RATIO DF SUPPLEMENT TO FEEDSTUFFS	ALTOSID 10%. Cattle Premix IN SUPPLEMENT mg//b (%)	ALTOSIO 10% Cattle Premix IN FEED mg/lb (%)	GRAMS ALTOSID 10% Cattle Premix/ TON OF FEED PRODUCT g/ton
Complete Feed	2.6 lb/owt	•		4.3 (0,001)	9.7
Supplement or Premix	-	1:9	44 (0.01)	4.3 (0.001)	97
for Preparing		1:19	87 (0.02)	4.3 (0,001)	174
Complete Feeds		1:39	174 (0.04)	4.3 (0.001)	348
		1:79	348 (0.08)	4.3 (0.001)	695
Complote Feed	3.5 lb/cwt*	•		3.2 (0.0007)	6.5
Supplement or Premix		1:9	32 (0.007)	3.2 (0.0007)	65
for Preparing		1:19	55 (0.014)	3.2 (0.0007)	130
Complete Feeds	-	1:39	129 (0.028)	3.2 (0.0007)	260
-	-	1:79	258 (0.056)	3.2 (0.0007)	520
Concentrate Fed with Roughage	1.0 lb/cwt		•	11.3 (0.0025)	22.6
Supplement or Premix	-	1:9 (	113 (0.025)	11.3 (0.0025)	226
for Preparing		1:19	226 (0.05)	11.3 (0.0025)	452
Concentrate Feeds		1:39	452 (0.10)	11.3 (0.0025)	904
	·	1:79	904 (0.20)	11.3 (0.0025)	1908
Supplement for	2.0 lb/head	•	57 (0.013)	-	113
Hand Feeding	1.5 lb/head	- }	75 (0.017)	-	151
_	1.0 lb/head	- 1	113 (0.025)	-	226
	0.5 lb/head	<u> </u>	226 (0.050)	•	452
Mineral Mix	4.0 oz/head	- 1	452 (0.10)	-	904
	3.0 oz/head	- 1	603 (0.13)	1 -	1206
	2.0 oz/head	· - 1	904 (0.20)	1 .	1808
	1,0 o2/250 lb	- 1	452 (0,10)		904
	1.0 oz/500 lb	1	904 (0.20)	1 -	1806
	1.0 oz/750 lb	· - 1	1355 (0.30	-	2712

Consumption level of total ration formulated for factating dairy cattle at 3.5% body weight intake.

## Important Note to Feed Mill Operators

- ALTOSID 10% Cattle Premix is a light, fluffy product and therefore, whenever possible, the material should be added directly to the mixer. Elevators, long free-fall gravity chutes, etc. should be avoided.
- It is critical in order to avoid loss of the low density premix that additions be made under conditions of low air turbulence or flow (shut off exhaust systems during ALTOSID 10% Cattle Premix addition).
- Whenever possible, add the ALTOSID 10% Cattle Premix after the addition of the liquid components and blend to homogeneity.

### When and How to Use ALTOSID 10% Cattle Premix

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If significant numbers of adult horn flies are already present when ALTOSID 10% Cattle Premix is introduced, it may take 3 to 5 weeks for an effect on the adult horn fly population to be clearly observed. For fast relief from existing fly burdens, consider the use of adulticide sprays, dusts, back-rubbers, or pour-ons.

Adult horn flies remain feeding on cattle day and night and leave the animal only to lay eggs in freshly passed manure. Without ALTOSID 10% Cattle Premix, eggs hatch and develop in the manure, resulting in a new generation of adult flies. These newly emerged flies may be carried downwind to a neighboring herd. Area wide fly control to include neighboring herds reduces the numbers of migrating flies.

ALTOSID 10% Cattle Premix may be fed up to slaughter and to lactating dairy cows without withholding milk.

## STORAGE AND DISPOSAL

Storage: Store ALTOSID 10% Cattle Premix in a cool, dry place. Do not contaminate water, food, or feed by storage or disposal.

Disposal: Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

Container Disposal: Completely empty bag into mixer. Dispose of empty bag in a sanitary landfill or by incineration, or by burning if allowed by state and local authorities. If burned, stay out of smoke.

In case of fire, accident, major spillage, or other emergency, contact Wellmark International at day or night.

## PRECAUTIONARY STATEMENTS (Hazards to Humans and Domestic Animals) CAUTION

Causes eye and skin irritation. Avoid contact with eyes, skin, or clothing. Avoid breathing dust. Wash thoroughly with soap and water after handling.

### STATEMENT OF PRACTICAL TREATMENT

IF IN EYES: Flush eyes with plenty of water. Get medical attention if irritation persists. IF ON SKIN: Wash with plenty of soap and water. Get medical attention if irritation persists.

Seller makes no warranty, express or implied, concerning the use of this product other than indicated on the label. Buyer assumes all risk of use and handling of this material.

ALTOSID® 10% Cattle Premix is a registered trademark of Wellmark International.

Wellmark International Bensenville IL 60106

Made in USA

[] indicates optional statements

## **ALTOSID® 10% CATTLE PREMIX**

To prevent the breeding of horn flies in the manure of treated cattle

Active Ingredient:		
Methoprene [isopropyl (E,E)-11-methoxy-3,	7,11-	
trimethyl-2,4-dodecadienoate]	*****************************	10.5%
Inert Ingredients:	<del>49                                    </del>	89.5%
	Total	100.0%

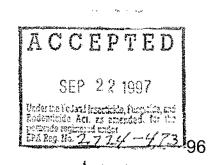
# KEEP OUT OF REACH OF CHILDREN CAUTION

See additional precautionary statements

EPA Reg. No.: 2724-473

EPA Est. No.:

Net Wt.:



#### General Information

ALTOSID 10% Cattle Premix is a premix which, when blended into a cattle ration according to the Directions for Use given below, will control horn flies which develop in cattle manure. ALTOSID 10% Cattle Premix is intended for use only in cattle.

### **DIRECTIONS FOR USE**

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.

## Blending and Feeding ALTOSID 10% Cattle Premix

ALTOSID 10% Cattle Premix interrupts the development of the horn fly in the manure of treated cattle [prevents the breeding of horn flies in the manure of treated cattle][prevents emergence of adult horn flies from the manure of treated cattle]. Begin use in the spring before horn flies appear on cattle and continue feeding until cold weather restricts horn fly activity.

ALTOSID 10% Cattle Premix rations may be fed to beef and dairy cattle, including breeding cattle, lactating cattle, and calves. When used as directed, rations containing ALTOSID 10% Cattle Premix may be fed up to slaughter, and to lactating dairy cows without withholding milk.

This product can be used in complete feeds, concentrates, hand feeds, or mineral supplements.

ALTOSID 10% Cattle Premix is fed to cattle at the level of 340 mg/100 lb body weight/month to achieve horn fly control. This rate is equal to 11.3 mg ALTOSID 10% Cattle Premix/100 lb body weight/day. The calculations in the chart below assume a 1000 pound animal as the head weight; see chart for mixing directions:

FEED PRODUCT	DAILY FEEDING RATE	RATIO OF SUPPLEMENT TO FEEDSTUFFS	ALTOSID 10% Cattle Premix IN SUPPLEMENT mg/lb (%)	ALTOSID 10% Cattle Premix IN FEED mg/lb (%)	GRAMS ALTOSID 10% Cattle Premix/ TON OF FEED PRODUCT piton
Complete Feed	2.6 lb/cwt		* .	4.3 [0,001)	8,7
Supplement or Premix	-	1:9	44 (0.01)	4.3 (0.001)	87
for Preparing	-	1:19	87 (0.02)	4.3 (0.001)	174
Complete Feeds	1 -	1:39	174 (0.04)	4.3 (0.001)	348
		1:79	348 (0.08)	4.3 (0.001)	696
Complete Food	3.5 lb/cwt*.	-	-	3.2 [0.0007]	6.5
Supplement or Premix	+	1:9	32 (0.007)	3.2 (0.0007)	65
for Preparing		1:19	65 (0.014)	3.2 (0.0007)	130
Complete Feeds		1:39	129 (0.028)	3.2 (0.0007)	260
•		1:79	258 (0.058)	3.2 (0.0007)	520
Concentrate Fed with Roughage	1.0 lb/cwt	-	•	11.3 (0.0025)	22,5
Supplement or Premix	-	1:9	t.13 (0.025)	11.3 (0.0025)	226
for Preparing	\	1:19 \	226 (0.05)	11.3 (0.0025)	452
Concentrate Feeds	-	1:39	452 (0.10)	11.3 (0.0025)	904
		1:79	904 (0,20)	11.3 (0.0025)	1809
Supplement for	2.0 lb/nead	-	57 (0.013)	-	113
Hand Feeding	1.5 lb/head	- 1	75 (0.017)		151
<del>-</del>	1.0 lb/head	1 - 1	113 (0.025)		226
	0.5 lb/head	-	228 (0.050)	<u>.</u>	452
Mineral Mix	4.0 oz/head	-	452 (0.10)	-	904
	3.0 oz/head	i - 1	603 (0.13)		1206
	2.0 oz/nead	l - l	994 (0.20)		1808
	1.0 oz/250 lb		452 (0.10)	-	904
	1.0 oz/500 lb	[ -	904 (0.20)	1 -	1808
	1.0 oz/750 lb	!	1356 (0.30	1 -	2712

Consumption level of total ration formulated for factating dairy cattle at 3.5% body weight Intake.

## Important Note to Feed Mill Operators

- ALTOSID 10% Cattle Premix is a light, fluffy product and therefore, whenever possible, the material should be added directly to the mixer. Elevators, long free-fall gravity chutes, etc. should be avoided.
- It is critical in order to avoid loss of the low density premix that additions be made under conditions of low air turbulence or flow (shut off exhaust systems during ALTOSID 10% Cattle Premix addition).
- Whenever possible, add the ALTOSID 10% Cattle Premix after the addition of the liquid components and blend to homogeneity.

#### When and How to Use ALTOSID 10% Cattle Premix

Use ALTOSID 10% Cattle Premix to break the life cycle of the horn fly. When fed to cattle, ALTOSID 10% Cattle Premix passes through the digestive system and is deposited throughout the manure. Here it stops the development of immature horn flies, before they can emerge as new adult flies. ALTOSID 10% Cattle Premix does not affect existing adult flies.

Start feeding ALTOSID 10% Cattle Premix early in the spring before horn flies appear. Continue feeding throughout the summer and into the fall until cold weather restricts fly activity.

If significant numbers of adult horn files are already present when ALTOSID 10% Cattle Premix is introduced, it may take 3 to 5 weeks for an effect on the adult horn fly population to be clearly observed. For fast relief from existing fly burdens, consider the use of adulticide sprays, dusts, back-rubbers, or pour-ons.

Adult horn flies remain feeding on cattle day and night and leave the animal only to lay eggs in freshly passed manure. Without ALTOSID 10% Cattle Premix, eggs hatch and develop in the manure, resulting in a new generation of adult flies. These newly emerged flies may be carried downwind to a neighboring herd. Area wide fly control to include neighboring herds reduces the numbers of migrating flies.

ALTOSID 10% Cattle Premix may be fed up to slaughter and to lactating dairy cows without withholding milk.

## STORAGE AND DISPOSAL

Storage: Store ALTOSID 10% Cattle Premix in a cool, dry place. Do not contaminate water, food, or feed by storage or disposal.

Disposal: Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

Container Disposal: Completely empty bag into mixer. Dispose of empty bag in a sanitary landfill or by incineration, or by burning if allowed by state and local authorities. If burned, stay out of smoke.

In case of fire, accident, major spillage, or other emergency, contact Wellmark International at day or night.

## PRECAUTIONARY STATEMENTS (Hazards to Humans and Domestic Animals) CAUTION

Causes eye and skin irritation. Avoid contact with eyes, skin, or clothing. Avoid breathing dust. Wash thoroughly with soap and water after handling.

## STATEMENT OF PRACTICAL TREATMENT

IF IN EYES: Flush eyes with plenty of water. Get medical attention if irritation persists. IF ON SKIN: Wash with plenty of soap and water. Get medical attention if irritation persists.

Seller makes no warranty, express or implied, concerning the use of this product other than indicated on the label. Buyer assumes all risk of use and handling of this material.

ALTOSID® 10% Cattle Premix is a registered trademark of Wellmark International.

Wellmark International Bensenville IL 60106

Made in USA

Please read instructions on reverse before completing form.	<del></del>	orm Approved.	OMB No. 2070-00	60. Approvet expires 05-31-98
Environmental Protection  Washington, DC 204	n Agency	×	Registration Amendment Other	
Application Application	n for Pesticide	- Section	1	
t. Company/Product Number Wellmark International/2724-473		duct Manager Idenson	3	Proposed Classification
4.Company/Product(Name) Wellmark International/Altosid 10% Cat	PM# tle Premix	90	· · · · · · · · · · · · · · · · · · ·	X None Restricted
5. Name and Address of Applicant <i>Unclude ZIP Codel</i> Wellmark International 1000 Tower Lane Suite 245 Bensenville, 1L 60106	(b)(l), my to:			ith FIFRA Section 3(c)(3) composition and labeling
Check if this is a new address	Product	Name	<i>′</i>	2
	Section - II		e	
Amendment - Explain below.  Resubmission in response to Agency letter dated		inal printed labe gency letter dat Me Too* Applic ither - Explain b	etion.	
Explanation: Use additional page(s) if necessary. (For section	I and Section (I.)		S. 20 - 20 - 20 - 20 - 20 - 20 - 20 - 20	
Application for reregistration	4		·	
			\$ ' ·	· · · · · · · · · · · · · · · · · · ·
	Section - III		w) .	
1. Material This Product Will Be Packaged In:				**************************************
Child-Resistant Packaging  Yes*  X No  * Certification must be submitted  Child-Resistant Packaging  Yes*  No  No. per Unit Packaging wgt.  6 1b 1	Water Soluble Paci Yes X No If "Yes" Package wgt	No. per container	Z. Type of Conte	ei tio
3, Location of Nat Contents Information 4. Size(s) Rat  X Label X Container 6 1b	teil Container	1 4	Cn Label On Label	ctions
6. Manner in Which Label is Affixed to Product  X Paper Stenoi	glued '	Other		
i Gardina di Caranta d	Section - IV			
1. Centact Point (Complete items directly below for identification		contacted, if nec	essery, (o process	this application.)
Name Steven R. Spaulding	ти. Manager, Reg	julatory A	ffairs 63	hone No. (Include Area Code) 0-227-6074
Certifica I certify that the statements I have made on this form and I acknowledge that any knowingly false or misleading state both under applicable law.	all attachments there emen) may be punish	•	mprisonment or	6. Date Application Received (Stamped)
2. Signatura SR Spauld	<b>3. Tide</b> Manager, R <i>e</i> g	julatory A	ffairs	
4. Typed Name	5. Date	ş		
Steven R. Spaulding	September 4,	1007		101

## PAPERWORK REDUCTION ACT NOTICE and INSTRUCTIONS

PAPERWORK REDUCTION ACT NOTICE: Public reporting burden for this collection of information is estimated to average 0.85 hour ner response, including time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing reviewing the collection of information. Said comments regarding the burden estimate or any other sepect of this collection of information, including suggestions for reducing this burden, to Chief, Information Policy Branch, (2136), U.S. Environmental Protection Agency, 401 M Street, SW, Washington, DC 20450.

INSTRUCTIONS: This form is to be used for all applications for new registration, and use reregistration, amendment, resubmission, to applications for notifications, final printed labeling, reregistration, etc. In order to process an application for a new registration submitted on this form, the following material must accompany the application:

- 1. Certification with Respect to Citation of Data IEPA Form 8570-29). Ill not exempted by 40 CFR 152.81 (b) (4)):
- 2. Confidential Statement of Formula (EPA Form 8570-4);
- 3. Formulator's Exemption Statement (EPA Form 8570-27);
- 4. Five copies of draft (abeling;
- 5. Three copies of any date submitted;
- 5. Authorization letter where applicable;
- 7. Matrices where applicable.

Submission of Labeling - Labeling should first be submitted in the form of draft labels with all applications for new registration. Such draft labels may be in the form of typed label text on 8.5 x 11 inch paper for submission or a mockup of the proposed label. If prepared for mockup, it should be constructed in a way as to facilitate storage in an 8.5 x 11 inch file. Mockup labels significantly smaller than 8.5 x 11 inches should be mounted on a x 11 inch paper for submission.

Submission of Data - Data submitted in support of this application must be submitted in accordance with PR Hotice 86-5.

SPECIFIC INSTRUCTIONS: Please read the instructions listed below before completing this application. First determine the type of registration action, listed in Block A, for which you are submitting this application. For applications submitted in connection with New Registration actions, Sections I, III, and IV must be completed by the applicant. For applications submitted in connection with amended reregistration actions, resubmissions, notifications, reregistrations, etc., Sections I, II, and IV must be completed by the applicant.

Block A - Check the appropriate action for which you are submitting this form.

SECTION I - This section must be completed, as applicable, for all registration actions.

- Company/Product Number Insert your Company Number, it one has been assigned by EPA. This number may have been assigned to you as a
  basic registrant, a distributor, or as an establishment. If your product is registered, insert the Product Number.
- 2. EPA Product Manager If known, till in the name and PM number of the EPA Prodect Manager.
- 3. Proposed Cisesification Specify the proposed classification of this product.
- 4. Product Name Enter the complete product name of this pesticide as it will appear on the label. The name must be specific to this product only. Duplication of names is not permitted among products of the same company. Do not include any brand name or company line designations.
- 5. Name and Address of Applicant The name of the firm or poison and address shown in your application is the person or firm to whom the registration will be issued. If you are acting in behalf of another party, you must submit authorization from that party to act for them in registration matters. An applicant not residing in the United States must have an authorized agent residing in the United States to act for them in all registration matters. The name and complete mailing address of such an agent must accompany this application.
- 6. Expedited Review FIFRA section 3 (c) 3 (B) prevides for expedited review of applications for registration, or amendments to existing registrations, that are similar or identical to other pesticide products that are currently registered with the EPA. In order for your application to be eligible for expedited review, you must provide us with the EPA Registration Number and product name of the product you believe is similar to or identical to your product. The product must be similar or identical in both formulation and labeled uses.

SECTION II - This section must be completed for all applications sebmitted to amend the registration only of a currently registered product (Amondment), for a resubmission in response to an Agency letter, for notifications to the Agency, for the submission of final printed labeling, for reregistration and for any other action that pertains to a specific EPA-registered product. This section is not to be used for a new application for registration.

1. Subject of submission - Check the applicable block and provide the Agency letter date if appropriate. Provide a brief explanation of the purpose(s) for the submission, such as "the addition of a site, post or crop (specify)"; "amend the Confidential Statement of Formula by..."; "reregistration submission"; "general label revision of use directions." Attach a separate page if additional space is needed.

SECTION III (Packaging and Container Information) - This Section must be completed for all applications submitted in connection with new registration or applicable amendments.

- 1. Type of Packaging Check the appropriate block if your product will be packaged in the indicated packaging types. Indicate the size of the individual packats and number par retail container.
- 2. Type of Retail Container Indicate type of container in which product will be morketed. 3200 /
- 3. Location of Net Contents Indicate the location of the net contents information for your product.
- 4. Size(s) of Retail Container Specify the net contents of all retail containers for your product.
- 5. Location of Use Directions Indicate the location of the use directions for your product.
- 5. Manner in which label is affixed to product Indicated the method product label is attached to retail container.

SECTION IV (Contact Point) - This Section must be completed for all applications for Registration actions, i.e., new products registration, resultmission, "me-too," reregistration, etc.

- 1-5. Self-explanatory.
- 6. EPA Use Only.

PRODUCT	STAMPED LABEL	NOMINAL*	PRN 96-6	NAME CHANGE	CSF
2724-401 Zoecon RF-299 RTU Carpet Pump Spray	last stamped label 12/16/91	meth. 0.007% to 0.010% permethrin 0.25% to 0.28% 9/97	NA	Submit 9/97	9/97
2724-420 Zoecon RF-329 Ant Growth Regulator	Don't have copy	4.8% to 4.9% 9/97	NA	Submit 9/97	9/97
2724-426 Zoecon RF-372 Collar	last stamped label 9/21/94	Yes	Submit 9/97	Submit 9/97	9/97
2724-427 Zoecon RF-342 Emulsifiable Concentrate for Tobacco (Dianex)	last stamped label 12/90	32.8% to 33.6% 9/97	NA	Submit 9/97	9/97
2724-441 Zoecon Methoprene Technical (RS)	last stamped label 4/5/93	90% to 94% 9/97	NA	Submit 9/97	9/97
2724-452 Apex 5E (RS)	last stamped label 6/1/94/WPS	65.7% to 67% 9/97	NA	Submit 9/97	9/97
2724-460 Zoecon 9207 Collar	last stamped label 4/5/94	2% to 2.1% 9/97	Submit 9/97	Submit 9/97	9/97
55947-94 NEW: 2724-477 Diacon (RS)	last stamped label 7/6/88	65.7% to 67% 9/97	NA	Submit 9/97	9/97
	illy Approved - First Sub	mission	91.00		
2724-471 Methoprene/Chlorpyriphos Combination Collar for Dogs	3/10/97	Yes	Submit 9/97	Submit 9/97	9/97
2724-473 Altosid 10% Cattle Premix	5/5/97	Yes	NA	Submit 9/97	9/97

<sup>\*</sup> Values shown represent a change to nominal concentration for methoprene at. Changes to other at's are noted by name or abbreviation (PBO, permethrin)

## REGULATORY LABEL DATA SHEET

File Name:

PALCAPRA, 976

Data Sheet Date:

August 1997

Product:

Approved:

ALTOSID 10% CATTLE

EPA Reg #:

2724-473

PREMIX

Supercedes:

5/5/97

OVERVIEW: Label submitted for methoprene reregistration, name/address change Sandoz to Wellmark

Page #	Description of Major Changes
4	Revised reference for contact phone number from Sandoz to Wellmark
5	Trademark reference revised Sandoz to Wellmark
	Name/address change Sandoz to Wellmark

REGULATORY: Steve Spaulding

MARKETING:

EPA PRODUCT MANAGER: Janet Anderson/W. Nelson Team 90

[] indicates optional statements

## **ALTOSID® 10% CATTLE PREMIX**

To prevent the breeding of horn flies in the manure of treated cattle

## 

## KEEP OUT OF REACH OF CHILDREN

Total

100.0%

## CAUTION

See additional precautionary statements

EPA Reg. No.: 2724-473 EPA Est. No.:

Net Wt.:

### General Information

ALTOSID 10% Cattle Premix is a premix which, when blended into a cattle ration according to the Directions for Use given below, will control horn flies which develop in cattle manure. ALTOSID 10% Cattle Premix is intended for use only in cattle.

#### **DIRECTIONS FOR USE**

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.

# Blending and Feeding ALTOSID 10% Cattle Premix

ALTOSID 10% Cattle Premix interrupts the development of the horn fly in the manure of treated cattle [prevents the breeding of horn flies in the manure of treated cattle][prevents emergence of adult horn flies from the manure of treated cattle]. Begin use in the spring before horn flies appear on cattle and continue feeding until cold weather restricts horn fly activity.

ALTOSID 10% Cattle Premix rations may be fed to beef and dairy cattle, including breeding cattle, lactating cattle, and calves. When used as directed, rations containing ALTOSID 10% Cattle Premix may be fed up to slaughter, and to lactating dairy cows without withholding milk.

This product can be used in complete feeds, concentrates, hand feeds, or mineral supplements.

ALTOSID 10% Cattle Premix is fed to cattle at the level of 340 mg/100 lb body weight/month to achieve horn fly control. This rate is equal to 11.3 mg ALTOSID 10% Cattle Premix/100 lb body weight/day. The calculations in the chart below assume a 1000 pound animal as the head weight; see chart for mixing directions:

FEEO PRODUCT	DAILY FEEDING RATE	RATID OF SUPPLEMENT TO FEEDSTUFFS	ALTOSID 10% Cattle Premix IN SUPPLEMENT mg/lb (%)	ALTOSID 10% Cattle Premix IN FEED mg/lb (%)	GRAMS ALTOSID 10% Cattle Premix/ TON OF FEED PRODUCT giton
Compleis Feed	2.6 lb/cwt	-	-	4.3 (0.001)	8.7
Supplement or Premix		1:9	44 (0.01)	4.3 (0.001)	87
for Preparing	- !	1:19	87 (0.02)	4.3 (0.001)	174
Complete Feeds	1 .	1:39	174 (0.04)	4.3 (0.001)	1 348
		1:79	348 (0,08)	4.3 (0.001)	696
Complete Feed	3.5 lb/cwt*	•		3.2 (0.0007)	6.5
Supplement or Premix	-	1:9	32 (0.007)	3.2 (0.0007)	65
lor Preparing	-	1:19	65 (0.014)	3.2 (0.0007)	130
Complete Feeds		1:39	129 (0.028)	3,2 (0.0007)	260
·	-	1:79	258 (0.056)	3,2 (0,0007)	520
Concentrate Fed with Roughage	1.0 lb/cwt	-	_	11,3 (0.0025)	22.6
Supplement or Premix	-	1:9	113 (0,025)	11,3 (0.0025)	228
for Preparing		1:19	228 (0.05)	11.3 (0.0025)	452
Concentrate Feeds	-	1:39	452 (0.10)	11.3 (0.0025)	904
	·	1:79	904 (0,20)	11.3 (0.0025)	1908
supplement for	2.0 lb/head		57 (0.013)	-	113
Hand Feeding	1.5 lb/head	· • •	75 (0.017)	l -	151
_	1.0 lb/head	- 1	113 (0.025)	,	226
	0.5 lb/head	-	226 (0.050)	-	452
Mineral Mix	4.0 oz/head	-	452 (0.10)	+	904
	3.0 oz/head	-	803 (0.13)	· -	1208
	2.0 oz/hoad	-	904 (0.20)		1808
	1.0 oz/250 lb		452 (0.10)		904
	1.0 oz/500 lb		904 (0.20)		1608
	1.0 oz/750 lb		1358 (0.30		2712

Consumption level of lotal ration formulated for factaling dairy cattle at 3.5% body weight intake.

# Important Note to Feed Mill Operators

- ALTOSID 10% Cattle Premix is a light, fluffy product and therefore, whenever possible, the
  material should be added directly to the mixer. Elevators, long free-fall gravity chutes, etc.
  should be avoided.
- It is critical in order to avoid loss of the low density premix that additions be made under conditions of low air turbulence or flow (shut off exhaust systems during ALTOSID 10% Cattle Premix addition).
- Whenever possible, add the ALTOSID 10% Cattle Premix after the addition of the liquid components and blend to homogeneity.

#### When and How to Use ALTOSID 10% Cattle Premix

Use ALTOSID 10% Cattle Premix to break the life cycle of the horn fly. When fed to cattle, ALTOSID 10% Cattle Premix passes through the digestive system and is deposited throughout the manure. Here it stops the development of immature horn flies, before they can emerge as new adult flies. ALTOSID 10% Cattle Premix does not affect existing adult flies.

Start feeding ALTOSID 10% Cattle Premix early in the spring before horn flies appear. Continue feeding throughout the summer and into the fall until cold weather restricts fly activity.

If significant numbers of adult horn flies are already present when ALTOSID 10% Cattle Premix is introduced, it may take 3 to 5 weeks for an effect on the adult horn fly population to be clearly observed. For fast relief from existing fly burdens, consider the use of adulticide sprays, dusts, backrubbers, or pour-ons.

Adult horn flies remain feeding on cattle day and night and leave the animal only to lay eggs in freshly passed manure. Without ALTOSID 10% Cattle Premix, eggs hatch and develop in the manure, resulting in a new generation of adult flies. These newly emerged flies may be carried downwind to a neighboring herd. Area wide fly control to include neighboring herds reduces the numbers of migrating flies.

ALTOSID 10% Cattle Premix may be fed up to slaughter and to lactating dairy cows without withholding milk.

# STORAGE AND DISPOSAL

Storage: Store ALTOSID 10% Cattle Premix in a cool, dry place. Do not contaminate water, food, or feed by storage or disposal.

Disposal: Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

Container Disposal: Completely empty bag into mixer. Dispose of empty bag in a sanitary landfill or by incineration, or by burning if allowed by state and local authorities. If burned, stay out of smoke.

In case of fire,	accident, major spilla	ige, or other	emergency,	contact '	Wellmark I	International	Sandoz
Agro, Inc. at _		day or night	t.				

# PRECAUTIONARY STATEMENTS (Hazards to Humans and Domestic Animals) CAUTION

Causes eye and skin irritation. Avoid contact with eyes, skin, or clothing. Avoid breathing dust. Wash thoroughly with soap and water after handling.

# STATEMENT OF PRACTICAL TREATMENT

IF IN EYES: Flush eyes with plenty of water. Get medical attention if imitation persists. IF ON SKIN: Wash with plenty of soap and water. Get medical attention if imitation persists.

Seller makes no warranty, express or implied, concerning the use of this product other than indicated on the label. Buyer assumes all risk of use and handling of this material.

ALTOSID® 10% Cattle Premix is a registered trademark of Wellmark InternationalSandoz-Ltd.

Wellmark International Bensenville IL 60106 Sandoz Agro, Inc. 1300 East Touhy Avenue Des Plaines, IL 60018

Made in USA

#### CORPORATE HEADQUARTERS

181, 847.699 1616

June 6, 1997

Document Processing Desk (NOTIF)
Office of Pesticide Programs H7504C
U.S. Environmental Protection Agency
Room 266A Crystal Mall 2
1921 Jefferson Davis Highway
Arlington, Virginia 22202

ATTENTION:

Janet Anderson/Director, PM 90

SUBJECT:

NOTIFICATION OF ALTERNATE BRAND NAME/ SUBMISSION OF FINAL PRINTED LABEL (10/21/96)

FOR ALTOSID 10% CATTLE PREMIX/EPA REG. NO. 2724-473

Dear Ms. Anderson:

Enclosed is completed EPA Form 8570-1 and five (5) copies of final printed labeling for ALTOSID 10% Cattle Premix/EPA Reg. No. 2724-473, per your October 21, 1996, Notice of Pesticide Registration form. We have added the EPA Reg. No. (473)(highlighted). This letter also should serve as notification of the alternate brand name, "ALTOSID® Cattle Custom Blending Premix".

If you have any questions or if I can provide any further assistance, please, call me directly at 630/227-6017. Thank you for your assistance in this matter.

Yours sincerely, SANDOZ AGRO, INC.

nancy Huebl

Nancy Huebl Label Coordinator

enclosure

cc:

S. Spaulding/C. Elmi

Pleass read in Kructions on t	reverse before completing form.		,2::::::::::::::::::::::::::::::::::::	Form Appro	yad, OMB No. 2	070-0060.	Approval expires 05-31-98
-00- NOO-NOO-00	United States			ſ	Registra	ation	OPP identifier Number
l ŝepa	<b>Environmental Protecti</b>	ion Age	ncy		Amend		
	Washington, DC 20	0460			X Other		256637
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t. Company/Product Numbe		OH IOI I	·	oduct Mane	<del>, , , , , , , , , , , , , , , , , , , </del>		posed Classification
Sandoz Agro. In					iA <u>a</u> t	3.770	Posed Cussingshou
4. Company/Product (Name)			PM#	nderson		X	None Restricted
	c./ALTOSID 10% Cattle	Premix		90	```		
5. Name and Address of App	plicant (Includa ZIP Code)						FIFRA Section 3(c)(3)
Sandoz Agro, In	c.		2	product is	s simitar or iden	tical in cor	mposition and labeling
1300 East Touny	Avenue		to:			`	
Oes <u>Pla</u> ines, IL	60018		EFA RE	ig. No			
Check if this	is a new address		Produc	t Name _			***
		Sec	tion - II				
Amendment - Explain	n balow.	2.	<b>V</b>	inei annted	labele in respons	a to .1	0/21/96
				Agency lette	er dated	****	·
Resubmission in resp	onse to Agency letter dated		- LJ '	"Me Too" A	pplication.		
Notification - Explain	below.		K X	Other - Expl	ain below.		* 200
Explanation: Use addition	nal page(s) if necessary. (For section	on I and Sec	tion II.)	· · · · · · · · · · · · · · · · · · ·			<u> </u>
			3.4		6 *		
Notification of	alternate brand name	as foll	ows				
ALTOSID	Cattle Custom Blendin	na Premi	Х -	F \$			ragina, in the control
			<i>"</i>		· k		
		Sect	ion - III			· · · · · · · · · · · · · · · · · · ·	
1. Material This Product Wil	Be Packaged in:		121 . 1211 .		/		
Child-Resistant Peckeging	Unit Packaging	Water	Soluble Pa	ckaping	2. Type o	Conteiner	. / - !
Yes*,	X Yes		Yes		<u>                                   </u>	Metal	!\.
X No	No	X	No			Plastic Glass	· .
* Certification must	If "Yes" No. per	lf "Yes	*	No. per	X	Paper	A CONTRACTOR OF THE STATE OF TH
be submitted	Unit Packaging wgt. container	Packe	se wat	container	<u> </u>	Other (S	pecifyl
3. Location of Net Contents	6 b 1 I Information 4. Size(s) R	Lateil Contei	ner	<u> </u>	5. Location of La	bal Directio	iras
		. 19/		3	X On Labo	Maria de la compansión de	
		<u>lb</u>	<del>,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,</del>	<u>l</u>	· · · · · · · · · · · · · · · · · · ·	oung accom	panying product
6. Manner in Which Label is	Affixed to Product Lilho	ograph er gived sciled	£	Other	·	· .	
		<del>~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~</del>	ion - IV	<u>, , , , , , , , , , , , , , , , , , , </u>			
1 Cantan Saint Mamalara	items directly below for identificat	<del></del>			y access to a	annana stia	nnn finntinu 4
<u> </u>	HAINS GRACILY DAMAN LOL (DEUTILES)		COURT TO DE	COMISCISO,	ii necessery, to p	<del></del>	<u> </u>
Name Name	.m.1	Title	La <del>t</del> anuss	1 ක්කර් ර	naudinstan	£ -	a No. (Include Area Code) 227-6017
Nancy Hue	······································		latory	Layer G	oordinator	030-	
المستوالية	Certific	-				anniana	6: Date Application Thereford
	ments I have made on this form at ny knowingly faise or misleading at law.						(Stamped)
2. Signature	**************************************	3. Title		*************************	·	*****	****
Dancy Khi	ebl	Reg	ulatory	Label	Coordinator		*****
4. Typed Name	<u> </u>	5. Date		······································	<del></del>	<del></del>	****
Nancy Huebl	***	Jun	9, 19	97	entrologie errologies (	riperario de	111

Wilte - EPA File Copy (original)

Yellow - Applicant Copy

EPA Form 8570-1 (Rev. 8-94) Previous editions are obsolete.

#### PAPERWORK REDUCTION ACT NOTICE and INSTRUCTIONS

PAPERWORK REDUCTION ACT NOTICE: Public reporting burden for this collection of information is estimated to everage 0.85 hour per response, including time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Sond comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for isducing this burden, to Chief, Information Policy Branch, (2136), U.S. Environmental Protection Againty, 401 M Street, SW. Weekington, DC 20460.

INSTRUCTIONS: This form is to be used for all applications for new registration, and use raregistration, emendment, resubmission, to applications for notifications, final printed labeling, reregistration, atc. In order to process an application for a new registration submitted on this form, the following material must accompany the application:

- 1. Cartification with Respect to Citation of Data (EPA Form 8570-29). Ilf not exempted by 40 CFR 152.81 (b) (41):
- 2. Confidential Statement of Formula (EPA Form 8570-4);
- 3. Formulator's Exemption Statement (EPA Form 8570-27);
- 4. Five copies of draft labeling;
- 5. Three copies of any data submitted;
- 8. Authorization letter where applicable;
- 7, Matrices where applicable.

Submission of Labeling - Labeling should first be submitted in the form of draft labels with all applications for new registration. Such draft labels may be in the form of typed label text on 8.5 x 11 inch paper for submission or a mackup of the proposed label, if prepared for mackup, it should be constructed in a way as to facilitate storage in an 8.5 x 11 inch file. Mookup labels elgrificantly smaller than 8.5 x 11 inches about be mounted on x 11 inch paper for submission.

Submission of Data - Data submitted in support of this application must be aubmitted in accordance with PR Notice 85-5.

SPECIFIC INSTRUCTIONS: Please read the instructions listed helow before completing this application. First determine the type of registration estion, listed in Block A, for which you are submitting this application. For applications submitted in connection with New Registration actions, Sections I, III, and IV must be completed by the applicant. For applications submitted in connection with amended renegistration actions, resubmissions, notifications, reregistrations, etc., Sections I, II, and IV must be completed by the applicant. Block A - Check the appropriate action for which you are submitting this form.

 ${f SECTION~I}$  . This section must be completed, as applicable, for all registration actions.

- Company/Product Number Insert your Company Number, if one has been assigned by EPA. This number may have been assigned to you as a basic registrant, a distributor, or as an establishment. If your product is registered, insert the Product Number.
- EPA Product Manager If known, fill in the name and PM number of the EPA Product Menager.
- Proposed Classification Specify the proposed classification of this product. 3.
- Product Name Enter the complete product name of this pesticide as it will appear on the label. The name must be specific to this product any. Duplication of names is not permitted among products of the same company. Do not include any brand name or company line designations.
- 5. Name and Address of Applicant The name of the firm or person and address shown in your application is the person or firm to whom the registration will be issued. If you are acting in bohalf of enother party, you must submit authorization from that party to get for them in registration metters. An applicant not residing in the United States must have an authorized egent residing in the United States to act for them in all registration matters. The name and complete mailing address of such an agent must accompany this application.
- Expedited Review FIFRA section 3 (c) 3 (b) provides for expedited review of applications for registration, or amendments to existing registrations, that are similar or identical to other posticide products that are currently registered with the EPA. In order for your application to be eligible for expedited review, you must provide us with the EPA Registration Number and product name of the product you believe is similar to or identical to your product. The product must be similar or identical in both formulation and fabelod uses.

SECTION II - This section must be completed for all applications submitted to amend the registration only of a currently registered product (Amendment), for a resubmission in response to an Agency letter, far notifications to the Agency, for the submission of final printed labeling, for reregistration and for any other action that perteins to a specific EPA-registered product. This section is not to be used for a new application for registration.

1. Subject of submission - Check the applicable black and provide the Agency latter date if appropriate. Provide a brief explanation of the purposets) for the submission, such as "the addition of a site, pest or crop (specify)"; "amend the Confidential Statement of Formula by..."; "reregistration submission"; "general label revision of use directions.". Attach a separate page if additional space is needed. ......

SECTION III (Packaging and Container Information) - This Section must be completed for all applications submitted in connection with new registration or applicable amendments.

- Type of Packaging \*Check the appropriate block it your product will be packaged in the indicated packaging types.
   Indicate the size of the individual packets and number per retail container.

   Type of Retail Container indicate type of container in which product will be marketed.
- 3. Location of wet Contents Indicate the location of the net contents information for your product.
- 4. Size(s) of Bet湖 Container 25pedity the net contents of all retail containers for your product.
- 5. Location of Use Directions fiddicate the location of the use directions for your product.
- 6. Manner in which label is affixed to product Indicated the method product label is attached to retail container.

SECTION (V (Gentack Point) - This Section must be completed for all applications for Registration actions, i.e., new products registration, resubmission, "merea," reregistration, etc.

- 1-5. Self-explanatory.
- 6. EPA Use ONLY.

# REGULATORY LABEL DATA SHEET

File Name:

AALCAPRA.96A

Data Sheet Date:

November 1996

Product:

ALTOSID 10% CATTLE

EPA Reg#:

2724-473

Approved:

PREMIX 10/21/96

Supercedes:

New Registration

OVERVIEW: EPA-APPROVED LABEL: ONLY COMMENT IS TO ADD REGISTRATION NUMBER 2724-473

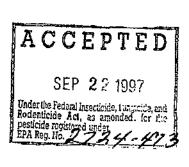
REGULATORY: Sieve Spaulding

QUALITY ASSURANCE:

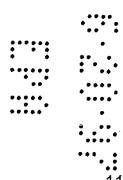
MARKETING:

EPA PRODUCT MANAGER: Janet Anderson

PRODUCT DEVELOPMENT:



1



[] indicates optional statements

# **ALTOSID® 10% CATTLE PREMIX**

To prevent the breeding of horn flies in the manure of treated cattle

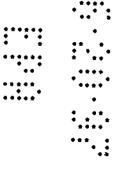
# KEEP OUT OF REACH OF CHILDREN

# CAUTION

See additional precautionary statements on back of bag.

EPA Reg. No.: 2724-473

Net Wt.:



EPA Est. No.:

#### General Information

ALTOSID 10% Cattle Premix is a premix which, when blended into a cattle ration according to the Directions for Use given below, will control horn flies which develop in cattle manure. ALTOSID 10% Cattle Premix is intended for use only in cattle.

# **DIRECTIONS FOR USE**

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.

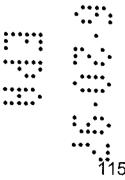
# Blending and Feeding ALTOSID 10% Cattle Premix

ALTOSID 10% Cattle Premix interrupts the development of the horn fly in the manure of treated cattle [prevents the breeding of horn flies in the manure of treated cattle][prevents emergence of adult horn flies from the manure of treated cattle]. Begin use in the spring before horn flies appear on cattle and continue feeding until cold weather restricts horn fly activity.

ALTOSID 10% Cattle Premix rations may be fed to beef and dairy cattle, including breeding cattle, lactating cattle, and calves. When used as directed, rations containing ALTOSID 10% Cattle Premix may be fed up to slaughter, and to lactating dairy cows without withholding milk.

This product can be used in complete feeds, concentrates, hand feeds, or mineral supplements.

ALTOSID 10% Cattle Premix is fed to cattle at the level of 340 mg/100 lb body weight/month to achieve horn fly control. This rate is equal to 11.3 mg ALTOSID 10% Cattle Premix/100 lb body weight/day. The calculations in the chart below assume a 1000 pound animal as the head weight; see chart for mixing directions:



FEED PRODUCT	DAILY FEEDING RATE	RATIO OF SUPPLEMENT TO FEEDSTUFFS	ALTOSID 10% Cattle Premix IN SUPPLEMENT mg/lb (%)	ALTOSID 10% Cattle Premix 1N FEED mg/lb (%)	GRAMS ALTOSID 10% Cattle Premix/ TON OF FEED PRODUCT g/ton
Complete Feed	2.6 lb/cwt	_	•	4.3 (0.001)	8.7
Supplement or Premix	-	1:9	44 (0.01)	4.3 (0.001)	87
for Preparing	- !	1:19	87 (0.02)	4.3 (0.001)	174
Complete Feeds	-	1;39	174 (0.04)	4.3 (0.001)	348
		1:79	348 (0.08)	4.3 (0.001)	696
Complete Feed	3.5 lb/cwt*	•	•	3.2 (0.0007)	6.5
Supplement or Premix	·	r:9	32 (0.007)	3.2 (0.0007)	65
for Preparing	-	1;19	65 (0.014)	3.2 (0.0007)	130
Complete Feeds	-	1:39	129 (0.028)	3,2 (0.0007)	260
·	-	1:79	258 (0.056)	3.2 (0.0007)	520
Concentrate Fed	1.0 lb/cwt	+	-	r1.3 (0.0025)	22.6
with Roughage	<u> </u>		•	1	1
Supplement or Premix	-	1;9	113 (0.025)	11.3 (0.0025)	226
10f Preparing	- '	1:19	228 (0.05)	11.3 (0.0025)	452
Concentrate Feeds		1:39	452 (0.10)	11,3 (0,0025)	904
		1:79	904 (0.20)	11.3 (0.0025)	1806
plement for	2.0 lb/head	-	57 (0.013)	-	113
Hand Feeding	1.5 lb/head		75 (0.017)	, .	15 r
	1.0 lb/head		113 (0.025)	-	226
	0,5 lb/head		225 (0.050)	<u> </u>	452
Mineral Mix	4.0 oz/head		452 (0.10)	T	904
	3.0 oz/head	-	603 (0.13)	-	1206
	2.0 o2/head	· i	904 (0.20)	-	1606
	1.0 oz/250 lb		452 (0.10)	1	504
	1.0 oz/500 lb		904 (0.20)		1806
	1.0 oz/750 lb		1356 (0.30	,	2712

Consumption level of total ration formulated for factating dairy cattle at 3.5% body weight intake.

# Important Note to Feed Mill Operators

- ALTOSID 10% Cattle Premix is a light, fluffy product and therefore, whenever possible, the
  material should be added directly to the mixer. Elevators, long free-fall gravity chutes, etc.
  should be avoided.
- It is critical in order to avoid loss of the low density premix that additions be made under conditions of low air turbulence or flow (shut off exhaust systems during ALTOSID 10% Cattle Premix addition).
- Whenever possible, add the ALTOSID 10% Cattle Premix after the addition of the liquid components and blend to homogeneity.

#### When and How to Use ALTOSID 10% Cattle Premix

Use ALTOSID 10% Cattle Premix to break the life cycle of the horn fly. When fed to cattle, ALTOSID 10% Cattle Premix passes through the digestive system and is deposited throughout the manure. Here it stops the development of immature horn flies, before they can emerge as new adult flies. ALTOSID 10% Cattle Premix does not affect existing adult flies.

Start feeding ALTOSID 10% Cattle Premix early in the spring before horn flies appear. Centinue feeding throughout the summer and into the fall until cold weather restricts fly activity.

If significant numbers of adult horn flies are already present when ALTOSID 10% Cattle Premix is introduced, it may take 3 to 5 weeks for an effect on the adult horn fly population to be clearly observed. For fast relief from existing fly burdens, consider the use of adulticide sprays, dusts, back-rubbers, or pour-ons.

Adult horn flies remain feeding on cattle day and night and leave the animal only to lay eggs in freshly passed manure. Without ALTOSID 10% Cattle Premix, eggs hatch and develop in the manure, resulting in a new generation of adult flies. These newly emerged flies may be carried downwind to a neighboring herd. Area wide fly control to include neighboring herds reduces the numbers of migrating flies.

ALTOSID 10% Cattle Premix may be fed up to slaughter and to lactating dairy cows without withholding milk.

#### STORAGE AND DISPOSAL

Storage: Store ALTOSID 10% Cattle Premix in a cool, dry place. Do not contaminate water, food, or feed by storage or disposal.

Disposal: Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

Container Disposal: Completely empty bag into mixer. Dispose of empty bag in a sanitary landfill or by incineration, or by burning if allowed by state and local authorities. If burned, stay out of smoke.

In case of fire, accident, major spillage, or other emergency, contact Sandoz Agro, Inc. at \_\_\_\_\_\_ day or night.



# PRECAUTIONARY STATEMENTS (Hazards to Humans and Domestic Animals) CAUTION

Causes eye and skin irritation. Avoid contact with eyes, skin, or clothing. Avoid breathing dust, Wash thoroughly with soap and water after handling.

#### STATEMENT OF PRACTICAL TREATMENT

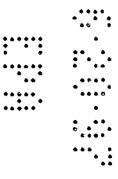
IF IN EYES: Flush eyes with plenty of water. Get medical attention if irritations persists. IF ON SKIN: Wash with plenty of soap and water. Get medical attention if irritations persists.

Seller makes no warranty, express or implied, concerning the use of this product other than indicated on the label. Buyer assumes all risk of use and handling of this material.

ALTOSID® is a registered trademark of Sandoz Ltd.

Sandoz Agro, Inc. 1300 East Touhy Avenue Des Plaines, IL 60018

Made in USA



# REGULATORY LABEL DATA SHEET

File Name:

AALCAPRA.96A

Data Sheet Date:

November 1996

Product:

**ALTOSID 10% CATTLE** 

EPA Reg#:

2724-473

Approved:

PREMIX 10/21/96

Supercedes:

New Registration

OVERVIEW: EPA-APPROVED LABEL: ONLY COMMENT IS TO ADD REGISTRATION NUMBER 2724-473

Page #	 Description of	f Major Changes	 	
	 ·····	<u></u>	 	

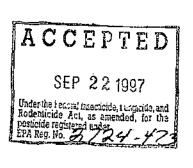
REGULATORY: Steve Spaulding

QUALITY ASSURANCE:

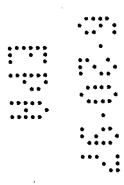
MARKETING:

EPA PRODUCT MANAGER: Janet Anderson

PRODUCT DEVELOPMENT:



ţ



[] indicates optional statements

# **ALTOSID® 10% CATTLE PREMIX**

To prevent the breeding of horn flies in the manure of treated cattle

# KEEP OUT OF REACH OF CHILDREN

# CAUTION

See additional precautionary statements on back of bag.

EPA Reg. No.: 2724-473 EPA Est. No.:

Net Wt.:

#### General Information

ALTOSID 10% Cattle Premix is a premix which, when blended into a cattle ration according to the Directions for Use given below, will control horn flies which develop in cattle manure. ALTOSID 10% Cattle Premix is intended for use only in cattle.

#### **DIRECTIONS FOR USE**

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.

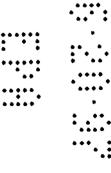
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FEED PRODUCT	DAILY FEEDING · RATE	RATIO OF SUPPLEMENT TO FEEDSTUFFS	ALTOSIO 10% Cattle Premix IN SUPPLEMENT mg/lb (%)	ALTOSID 10% Cattle Premix IN FEED mg/lb (%)	GRAMS ALTOSID 10% Cattle Premix TON OF FEED PRODUCT g/ton
Complete Feed	2.6 lb/cwt	- "		4.3 (0.001)	8.7
Supplement or Premix for Preparing	-	1:9 1:18	44 (0.01) 87 (0.02)	4.3 (0.001) 4.3 (0.001)	87 174
Complete Feeds		1:39 1:79	t74 (0.04) 348 (0.08)	4.3 (0.001) 4.3 (0.001)	348 696
Complete Feed	3.5 lb/cwt*		<u>-</u>	3.2 (0.0007)	6.5
Supplement or Premix for Preparing Complete Feeds	-	1:9 1:19 1:39 1:79	32 (0.007) 65 (0.014) 129 (0.028) 258 (0.056)	3.2 (0.0007) 3.2 (0.0007) 3.2 (0.0007) 3.2 (0.0007)	65 130 280 520
Concentrate Fed with Roughage	1.0 lb/cwt	-	<del>-</del>	11,3 (0.0025)	22.6
Supplement or Premix for Preparing Concentrate Feeds	-	1:9 1:19 1:39 1:79	113 (0.025) 228 (0.05) 452 (0.10) 904 (0.20)	11.3 (0.0025) 71.3 (0.0025) 11.3 (0.0025) 11.3 (0.0025)	228 452 904 1808
pplement for rland Feeding	2.0 lb/head 1,5 lb/head 1.0 lb/head 0,5 lb/head	- - -	57 (0.013) 75 (0.017) 113 (0.025) 226 (0.050)	-	113 151 226 452
Mineral Mix	4,0 oz/head 3.0 oz/head 2.0 oz/head 1.0 oz/250 lb 1.0 oz/500 lb	-	452 (0.10) 603 (0.13) 904 (0.20) 452 (0.10) 904 (0.20) 1356 (0.30)	- - - - -	904 1206 1808 904 1908 2712

<sup>\*</sup> Consumption level of total ration formulated for lactating dairy cattle at 3.5% body weight intake.

#### Important Note to Feed Mill Operators

- ALTOSID 10% Cattle Premix is a light, fluffy product and therefore, whenever possible, the
  material should be added directly to the mixer. Elevators, long free-fall gravity chutes, etc.
  should be avoided.
- It is critical in order to avoid loss of the low density premix that additions be made under conditions of low air turbulence or flow (shut off exhaust systems during ALTOSID 10% Cattle Premix addition).
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•

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ALTOSID 10% Cattle Premix may be fed up to slaughter and to lactating dairy cows without withholding milk.

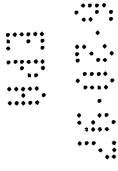
# STORAGE AND DISPOSAL

Storage: Store ALTOSID 10% Cattle Premix in a cool, dry place. Do not contaminate water, food, or feed by storage or disposal.

Disposal: Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

Container Disposal: Completely empty bag into mixer. Dispose of empty bag in a sanitary landfill or by incineration, or by burning if allowed by state and local authorities. If burned, stay out of smoke.

In case of fire, accident, major spillage, or other emergency, contact Sandoz Agro, Inc. at day or night.



# PRECAUTIONARY STATEMENTS (Hazards to Humans and Domestic Animals) CAUTION

Causes eye and skin irritation. Avoid contact with eyes, skin, or clothing. Avoid breathing dust. Wash thoroughly with soap and water after handling.

# STATEMENT OF PRACTICAL TREATMENT

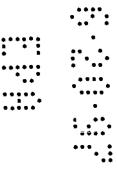
IF IN EYES: Flush eyes with plenty of water. Get medical attention if irritations persists. IF ON SKIN: Wash with plenty of soap and water. Get medical attention if irritations persists.

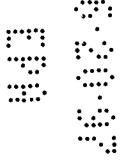
Seller makes no warranty, express or implied, concerning the use of this product other than indicated on the label. Buyer assumes all risk of use and handling of this material.

ALTOSID® is a registered trademark of Sandoz Ltd.

Sandoz Agro, Inc. 1300 East Touhy Avenue Des Plaines, IL 60018

Made in USA





#### UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

MAY - 5 1997

Mr. Steven R. Spaulding Sandoz Agro, Inc. 1300 E. Touhy Avenue Des Plaines, IL 60018

Dear Mr. Spaulding:

Subject: ALTOSID 10% Cattle Premix

(Labeling approval associated with R. E. D.)

EPA Reg. No.: 2724-473

As per your submission during your meeting with BPPD

GU16965

on April 17, 1997

The labeling referred to above correcting labeling change from minimal to nominal concentration, submitted in connection with REREGISTRATION under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, is acceptable. A stamped copy is enclosed for your records.

Sincerely,

Janet L. Andersen, Director

rout Z. anduse

Biopesticides and Pollution Prevention

Division (7501W)

Wnelson:308-8682:05/02/97:methoprene:epa reg. no. 2724-473

	<i>2</i>	CONCURRENCES		
SYMBOL \$ 750/W				
SURNAME N WHIPOISON				
DATE \$5/2/97			1	26
EPA Form 1320-1A (1/90)		Printed on Recycled Paper	offici.	AL FILE COPY

[] indicates optional statements

# **ALTOSID® 10% CATTLE PREMIX**

To prevent the breeding of horn flies in the manure of treated cattle

# KEEP OUT OF REACH OF CHILDREN

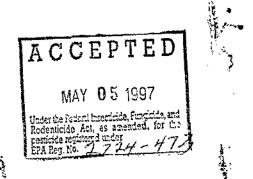
# CAUTION

See additional precautionary statements on back of bag.

EPA Reg. No.: 2724-473

Net Wt.:

EPA Est. No.:



RECO LINE PUPUL

### General Information

ALTOSID 10% Cattle Premix is a premix which, when blended into a cattle ration according to the Directions for Use given below, will control horn flies which develop in cattle manure. ALTOSID 10% Cattle Premix is intended for use only in cattle.

#### DIRECTIONS FOR USE

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.

# Blending and Feeding ALTOSID 10% Cattle Premix

ALTOSID 10% Cattle Premix interrupts the development of the horn fly in the manure of treated cattle [prevents the breeding of horn flies in the manure of treated cattle][prevents emergence of adult horn flies from the manure of treated cattle]. Begin use in the spring before horn flies appear on cattle and continue feeding until cold weather restricts horn fly activity.

ALTOSID 10% Cattle Premix rations may be fed to beef and dairy cattle, including breeding cattle, lactating cattle, and calves. When used as directed, rations containing ALTOSID 10% Cattle Premix may be fed up to slaughter, and to lactating dairy cows without withholding milk.

This product can be used in complete feeds, concentrates, hand feeds, or mineral supplements.

ALTOSID 10% Cattle Premix is fed to cattle at the level of 340 mg/100 lb body weight/month to achieve horn fly control. This rate is equal to 11.3 mg ALTOSID 10% Cattle Premix/100 lb body weight/day. The calculations in the chart below assume a 1000 pound animal as the head weight; see chart for mixing directions:

FEED PRODUCT	FEEDING RATE	RATIO OF SUPPLEMENT TO FEEDSTUFFS	ALTOSIO 10% Cattle Premix IN SUPPLEMENT Ing/lb (%)	ALTOSID 10% Cattle Premix IN FEED Ing/lb (%)	GRAMS ALTOSID 10% Cattle Premix TON OF FEED PRODUCT gron
Complete Feed	2.6 lb/cvrt			4.3 (0.001)	8,7
Supplement or Premix for Preparing Complete Feeds	:	1:9 1:19 1:39 1:79	44 (0.01) 8T (0.02) 174 (0.04) 348 (0.08)	4.3 (0.001) 4.3 (0.001) 4.3 (0.001) 4.3 (0.001)	87 174 348 696
Complete Feed	3.5 lb/cwt*		-	3.2 (0.0007)	6.5
Supplement of Premix for Preparing Complete Feeds	:	1:9 1:19 1:39 1:79	32 (0.007) 65 (0.014) 129 (0.028) 258 (0.056)	3.2 (0.0007) 3.2 (0.0007) 3.2 (0.0007) 3.2 (0.0007)	65 130 260 520
Concentrate Fed with Roughage	1.0 lb/cwt	*	•	11.3 (0.0025)	22.6
Supplement or Premix for Preparing Concentrate Feeds		1:9 1:19 1:39 1:79	113 (0.025) 226 (0.05) 452 (0.10) 804 (0.20)	11.3 (0.0025) 11.3 (0.0025) 11.3 (0.0025) 11.3 (0.0025)	226 452 904 1808
Supplement for Hand Feeding	2,0 lb/head 1,5 lb/head 1,0 lb/head 0,5 lb/head	-	57 (0.013) 75 (0.017) 113 (0.025) 226 (0.050)	:	113 151 226 452
Mineral Mix	4,0 oz/head 3,0 oz/head 2,0 oz/head 1,0 oz/250 lb 1,0 oz/500 lb 1,0 oz/750 lb	-	452 (0.10) 603 (0.13) 904 (0.20) 452 (0.10) 904 (0.20) 1356 (0.30		904 1206 1808 904 1808 2712

Consumption level of total ration formulated for factating dairy cattle at 3.5% body weight intake.

#### Important Note to Feed Mill Operators

- ALTOSID 10% Cattle Premix is a light, fluffy product and therefore, whenever possible, the
  material should be added directly to the mixer. Elevators, long free-fall gravity chutes, etc.
  should be avoided.
- It is critical in order to avoid loss of the low density premix that additions be made under conditions of low air turbulence or flow (shut off exhaust systems during ALTOSID 10% Cattle Premix addition).
- Whenever possible, add the ALTOSID 10% Cattle Premix after the addition of the liquid components and blend to homogeneity.

#### When and How to Use ALTOSID 10% Cattle Premix

Use ALTOSID 10% Cattle Premix to break the life cycle of the horn fly. When fed to cattle, ALTOSID 10% Cattle Premix passes through the digestive system and is deposited throughout the manure. Here it stops the development of immature horn flies, before they can emerge as new adult flies. ALTOSID 10% Cattle Premix does not affect existing adult flies.

Start feeding ALTOSID 10% Cattle Premix early in the spring before horn flies appear. Continue feeding throughout the summer and into the fall until cold weather restricts fly activity.

If significant numbers of adult horn flies are already present when ALTOSID 10% Cattle Premix is introduced, it may take 3 to 5 weeks for an effect on the adult horn fly population to be clearly observed. For fast relief from existing fly burdens, consider the use of adulticide sprays, dusts, back-rubbers, or pour-ons.

Adult horn flies remain feeding on cattle day and night and leave the animal only to lay eggs in freshly passed manure. Without ALTOSID 10% Cattle Premix, eggs hatch and develop in the manure, resulting in a new generation of adult flies. These newly emerged flies may be carried downwind to a neighboring herd. Area wide fly control to include neighboring herds reduces the numbers of migrating flies.

ALTOSID 10% Cattle Premix may be fed up to slaughter and to lactating dairy cows without withholding milk.

# STORAGE AND DISPOSAL

Storage: Store ALTOSID 10% Cattle Premix in a cool, dry place. Do not contaminate water, food, or feed by storage or disposal.

Disposal: Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

Container Disposal: Completely empty bag into mixer. Dispose of empty bag in a sanitary landfill or by incineration, or by burning if allowed by state and local authorities. If burned, stay out of smoke.

In case of fire	, accident, majo	r spillage, or	other en	mergency, contact	Sandoz Agro,	Inc. at
	day or nig	iht.				

# PRECAUTIONARY STATEMENTS (Hazards to Humans and Domestic Animals) CAUTION

Causes eye and skin irritation. Avoid contact with eyes, skin, or clothing. Avoid breathing dust. Wash thoroughly with soap and water after handling.

# STATEMENT OF PRACTICAL TREATMENT

IF IN EYES: Flush eyes with plenty of water. Get medical attention if irritations persists. IF ON SKIN: Wash with plenty of soap and water. Get medical attention if irritations persists.

Selfer makes no warranty, express or implied, concerning the use of this product other than indicated on the label. Buyer assumes all risk of use and handling of this material.

ALTOSID® is a registered trademark of Sandoz Ltd.

Sandoz Agro, Inc. 1300 East Touhy Avenue Des Plaines, IL 60018

Made in USA

[] indicates optional statements

# **ALTOSID® 10% CATTLE PREMIX**

To prevent the breeding of horn flies in the manure of treated cattle

# KEEP OUT OF REACH OF CHILDREN

# CAUTION

See additional precautionary statements on back of bag.

EPA Reg. No.: 2724-473

Net Wt.:

EPA Est. No.:

MAY 05 1997
Under the Ferleni Innecticite, Finguistic, and Redenticide Act, as amended, for the pesticide registered under EPA Rep. No. 2,724-473

# General Information

ALTOSID 10% Cattle Premix is a premix which, when blended into a cattle ration according to the Directions for Use given below, will control horn flies which develop in cattle manure. ALTOSID 10% Cattle Premix is intended for use only in cattle.

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# Blending and Feeding ALTOSID 10% Cattle Premix

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This product can be used in complete feeds, concentrates, hand feeds, or mineral supplements.

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FEED PRODUCT	DAILY FEEDING RATE	RATIO OF SUPPLEMENT TO FEEDSTUFFS	ALTOSIO 10% Cattle Premix IN SUPPLEMENT mg/lb (%)	ALTOSIO 10% Cattle Premix IN FEED mg/lb (%)	GRAMS ALTOSIO 10% Gattle Premix/ TON OF FEED PRODUCT g/ton
Complete Feed	2.6 lb/cwt	-	-	4.3 (0.001)	8.7
Supplement or Promix for Preparing Complete Feeds		1:9 1:19 1:39 1:79	44 (0.01) 87 (0.02) 174 (0.04) 348 (0.08)	4.3 (0.001) 4.3 (0.001) 4.3 (0.001) 4.3 (0.001)	87 174 348 596
Complete Feed	3.5 tb/cwt*			3.2 (0.0007)	6,5
Supplement or Premix for Preparing Complete Feeds	-	1:9 1:19 1:39 1:79	32 (0.007) 65 (0.014) 129 (0.028) 258 (0.056)	3.2 (0,0007) 3.2 (0,0007) 3.2 (0,0007) 3.2 (0,0007)	65 130 260 520
Concentrare Fed with Roughage	1.0 lb/cv/	•	*	11.3 (0.0025)	22.6
Supplement or Premix for Preparing Concontrate Feeds	-	1:9 1:19 1:39 1:79	113 (0.025) 225 (0.05) 452 (0.10) 904 (0.20)	11.3 (0.0025) 11.3 (0.0025) 11.3 (0.0025) 11.3 (0.0025)	226 452 904 1808
Supplement for Hand Feeding	2.0 lb/head 1.5 lb/head 1.0 lb/head 0.5 lb/head	-	57 (0.013) 75 (0.017) 113 (0.025) 226 (0.050)		113 151 226 452
Mineral Mix	4.0 oz/head 3.0 oz/head 2.0 oz/hoad 1.0 oz/250 lb	-	452 (0.10) 603 (0.13) 904 (0.20) 452 (0.10)		904 1206 1808 904
	1.0 o2/500 lb 1.0 o2/750 lb		904 (0,20) 1356 (0,30	·	1808 2712

Consumption level of total ration formulated for factating dairy callle at 3.5% body weight intake.

#### Important Note to Feed Mill Operators

- ALTOSID 10% Cattle Premix is a light, fluffy product and therefore, whenever possible, the material should be added directly to the mixer. Elevators, long free-fall gravity chutes, etc. should be avoided.
- It is critical in order to avoid loss of the low density premix that additions be made under conditions of low air turbulence or flow (shut off exhaust systems during ALTOSID 10% Cattle Premix addition).
- Whenever possible, add the ALTOSID 10% Cattle Premix after the addition of the liquid components and blend to homogeneity.

#### When and How to Use ALTOSID 10% Cattle Premix

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ALTOSID 10% Cattle Premix may be fed up to slaughter and to lactating dairy cows without withholding milk.

#### STORAGE AND DISPOSAL

Storage: Store ALTOSID 10% Cattle Premix in a cool, dry place. Do not contaminate water, food, or feed by storage or disposal.

Disposal: Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

Container Disposal: Completely empty bag into mixer. Dispose of empty bag in a sanitary landfill or by incineration, or by burning if allowed by state and local authorities. If burned, stay out of smoke.

In case of fire, accident, major spillage, or other emergency, contact Sandoz Agro, Inc. at day or night.

PRECAUTIONARY STATEMENTS
(Hazards to Humans and Domestic Animals)
CAUTION

Causes eye and skin irritation. Avoid contact with eyes, skin, or clothing. Avoid breathing dust. Wash thoroughly with soap and water after handling.

# STATEMENT OF PRACTICAL TREATMENT

IF IN EYES: Flush eyes with plenty of water. Get medical attention if irritations persists. IF ON SKIN: Wash with plenty of soap and water. Get medical attention if irritations persists.

Seller makes no warranty, express or implied, concerning the use of this product other than indicated on the label. Buyer assumes all risk of use and handling of this material.

ALTOSID® is a registered trademark of Sandoz Ltd.

Sandoz Agro, Inc. 1300 East Touhy Avenue Des Plaines, IL 60018

Made in USA

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#### PAFERWORK REDUCTION ACT NOTICE and INSTRUCTIONS

PARAMONY DEDUCTION ACT NOTICE: Fighte experting burden for this achieving of information je retimated to everage 0.00 hour per control indicates for remaining instruction, according exactly data concerns, gathering and existability the data conduct, and compared out of the interest of the reflection of information. Send community regularly burdens calculated any other copyour of the reflection of information. Including a part of the reflection of information of a part of the control of the contro

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- 1. Cardification with Borg act to Citation of Data (1284 Fam: 8070 29). We cut exempted by 40 CPP 150 81 (b) (43),
- 2 Confidential Contentant of Contails (EPA Form 5570-4);
- 3 Franciscos Sacryphon Statement (EFA Forch 2573-27);
- 4 Stre copies of craft labeling;
- 5. Three copies of any date submitted:
- S. Authorization terrer where applicable;
- 7. Manicas where appliesble.

Submirror of Labeling - Labeling chock that be submired in the farm of draft takets with all applications for new registration. Such duly taket may be in the following taket taket to 8.5 x 11 inch paper for additional or a reaskup of the proposal taket. If proposal for mackup, it change be now the farm of the proposal for mackup, it change be now that the submir of the state of the farm of the farm

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OFFICING TRANSTONS: Passe and in an invations listed below before completing this application. For application, when the symmetry where the symmetry when the symmetry when the symmetry with the state of the symmetry with the sym

SECTION 1 - Then sention much be complicated, as applicable, for all registration seriess.

- 3. Company Product Number Income your Company Murcher, if one has been essigned by EPA. This number may have been essigned to the abla by in registrant, a distributor, or as an emphishment. If your product is registered, insort the Product Number.
- 2 SPA Product Misnager If known, fill in the carna and PM reminer at the EPA Product Menager.
- 3. Proposed Classification Specify the proposed classification of this product.
- 4. Product Name Enter the complete product name of this posicide as it will appear on the label. The name must be specific to this product of a Displication of names is not pointitied smong products of the same company. Do not include any brand name or company tine designation.
- S. Marrie and Addings of Applicant. The name of the firm or purson and addiese shown in your application is the process or firm to whom the registron will be leaded. If you are extend in behalf of another party, you must submit authorization from that party to use the measure expension, must not exhibit and touching in the United Stores must have an authorized again reciding in the United Stores in the requirement this application.
- 8 Expedited Review PFRA caption 3 (a) 3 (B) provides for expedited review of applications for registration, or amendments to original registration for registration and order for your application to be eligible for expedited review, you must provide us with the EPA Registration Number and product name of the product you believe is citallist to as a your product. The product must be similar to as a familiar to describe your product. The product must be similar or identical in both formulation and labeled uses.

SCOTION II. The section must be completed for all applications submitted to smend the registration only of a surrently registered product. Principlinantly, for a resubmission in response to an Agency lutter. For matifications to the Agency, for the submission of final printed lebeling, for the specific to the submission of final printed lebeling, for the Agency, for the submission of final printed lebeling for the Agency for any other cotion that particles to a parcific EPA-registered product. This section is not to be used for a have opposition to a particular the section in the cotion that particles are a particular to the submission of the section of the section is not to be used for a have opposite that the section is not to be used for a line opposition of the section of

1. Subject of automission. Check the applicable block and provide the Agency letter date if appropriate. Provide a best explanation of the purposers for the submission, such as "the addition of a site, past or crop (specify)"; "amend the Confidential Statement of Foundie by..." "Procycle Julion automission of the addition of the directions of Affects a separate page if additional up one in model.

SECTION III (Packaging and Container Information) - This Section must be completed for all applications submitted in correspond with new impatration or applicable amendments.

- 1. Type of Packaging Check the appropriate block if your product will be packaged in the indicated packaging types. Indicate the circ of the indicated package and number per retail container.
- 2. Type of Reigi Container Indicate type at container in which product will be marketed.
- 3. Location of Net Contents Indicate the location of the net cantents information for your product.
- 4. Sixals) of Retail Container Specify the nat contents of all retail containers for your product.
- 5 Location of Uzz Directions indicate the location of the Uze directions for your product.
- 6. Manner in which label is effixed to product Indicated the method product label is stracked to refail container.

SECTION IV (Contact Point) - This Section must be completed for all applications for Registration solitors, i.e., now products registration, impeton, "reseton," reregistration, orc.

- 1 5. Self-explanationy.
- 8. EPA Use Only.



Corporate Headquarters

TEL. 847,699,1615

Document Processing Desk (AMEND)
Office of Pesticide Programs (7604C)
U,S. Environmental Protection Agency
Room 266A Crystai Mall 2
1921 Jefferson Davis Highway
Arlington, Virginia 22202

April 18, 1997

97 JMR 21 a.9

ATTENTION:

Janet Anderson / Director BPPD, PM 90

Subject:

ALTOSID 10% Cattle Premix - EPA Reg. No. 2724-473

Sandoz 9404 Spray - EPA Reg. No. 55947-158

Minor Label Amendments

Dear Ms. Anderson:

As a result of changing from minimal to nominal labeling, errors in the active ingredient statements on the above-referenced products were discovered. This was discussed at an April 17, 1997 meeting between myself and several members of your staff. It was suggested that corrected labels be submitted as minor label amendments rather than notifications since we require copies of stamped labels to initiate state registration activities, Mr. Willie Nelson is especially familiar with the background behind these label errors. The specific errors are as follows:

- ALTOSID 10% Cattle Premix (2724-473) Nominal methoprene content should be 10.5% rather than 10.0%. The CSF submitted with the original application dated October 1, 1996 is attached verifying the correct nominal methoprene concentration as 10.5%. Five (5) copies of the corrected labels are enclosed. Please return a stamped copy to us so that we may initiate state registrations.
- Sandoz 9404 Spray (55947-158) Nominal permethrin content should be 0.50% rather than 0.58%. The CSF submitted with the original application dated September 3, 1996 is attached verifying the correct nominal permethrin concentration as 0.50%. Five (5) copies of the corrected labels are enclosed. Please return a stamped copy to us so that we may initiate state registrations.

Since these errors are minor in nature and have no impact on the manufacturing process or actual formulation composition, we would like to request that you expedite the review of these label amendments. Please contact me at (847) 390-3007 if you have any questions.

Yours Sincerely,

SANDOZ AGRO, inc. ,

Steven R. Spaulding

Manager, Regulatory Affairs

Consumer and Animal Health Products

[] indicates optional statements

# **ALTOSID® 10% CATTLE PREMIX**

To prevent the breeding of horn flies in the manure of treated cattle

# KEEP OUT OF REACH OF CHILDREN

### CAUTION

See additional precautionary statements on back of bag.

EPA Reg. No.: 2724-473

EPA Est. No.:

Net Wt.:



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Complete Feed	2.6 lb/cwt	<u>+</u>	-	4.3 (0.001)	8.7
Supplement or Premix for Preparing Complete Feeds	-	1:9 1:19 1:39 1:79	44 (0.01) 87 (0.02) 174 (0.04) 348 (0.08)	4.3 (0.001) 4.3 (0.001) 4.3 (0.001) 4.3 (0.001)	87 174 348 696
Complete Feed	3.5 lb/cv4*	-		3.2 (0.0007)	6.5
Supplement or Premix for Preparing Complete Feeds	-	1:9 1:19 1:39 1:79	32 (0.007) 65 (0.014) 129 (0.028) 258 (0.056)	3.2 (0.0007) 3.2 (0.0007) 3.2 (0.0007) 3.2 (0.0007)	65 130 260 520
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Supplement for Hand Feeding	2.0 lb/head 1.5 lb/head 1.0 lb/head 0.5 lb/head	-	57 (0.013) 75 (0.017) 113 (0.025) 226 (0.050)	:	113 151 226 452
Minerol Mix	4.0 oz/head 3.0 oz/head 2.0 oz/head 1.0 oz/250 lb 1.0 oz/500 lb	-	452 (0.10) 603 (0.13) 904 (0.20) 452 (0.10) 904 (0.20) 1356 (0.30)		904 1206 1808 904 1808 2712

Consumption level of total ration formulated for factaling dairy cattle at 3.5% body weight intake.

#### Important Note to Feed Mill Operators

- ALTOSID 10% Cattle Premix is a light, fluffy product and therefore, whenever possible, the material should be added directly to the mixer. Elevators, long free-fall gravity chutes, etc. should be avoided.
- It is critical in order to avoid loss of the low density premix that additions be made under conditions of low air turbulence or flow (shut off exhaust systems during ALTOSID 10% Cattle Premix addition).
- Whenever possible, add the ALTOSID 10% Cattle Premix after the addition of the liquid components and blend to homogeneity.

#### When and How to Use ALTOSID 10% Cattle Premix

Use ALTOSID 10% Cattle Premix to break the life cycle of the horn fly. When fed to cattle, ALTOSID 10% Cattle Premix passes through the digestive system and is deposited throughout the manure. Here it stops the development of immature horn flies, before they can emerge as new adult flies. ALTOSID 10% Cattle Premix does not affect existing adult flies.

Start feeding ALTOSID 10% Cattle Premix early in the spring before horn flies appear. Continue feeding throughout the summer and into the fall until cold weather restricts fly activity.

If significant numbers of adult horn flies are already present when ALTOSID 10% Cattle Premix is introduced, it may take 3 to 5 weeks for an effect on the adult horn fly population to be clearly observed. For fast relief from existing fly burdens, consider the use of adulticide sprays, dusts, back-rubbers, or pour-ons.

Adult horn flies remain feeding on cattle day and night and leave the animal only to lay eggs in freshly passed manure. Without ALTOSID 10% Cattle Premix, eggs hatch and develop in the manure, resulting in a new generation of adult flies. These newly emerged flies may be carried downwind to a neighboring herd. Area wide fly control to include neighboring herds reduces the numbers of migrating flies.

ALTOSID 10% Cattle Premix may be fed up to slaughter and to lactating dairy cows without withholding milk.

#### STORAGE AND DISPOSAL

Storage: Store ALTOSID 10% Cattle Premix in a cool, dry place. Do not contaminate water, food, or feed by storage or disposal.

Disposal: Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

Container Disposal: Completely empty bag into mixer. Dispose of empty bag in a sanitary landfill or by incineration, or by burning if allowed by state and local authorities. If burned, stay out of smoke.

In case of fire, accident, major spillage, or other emergency, contact Sandoz Agro, Inc. at day or night.

PRECAUTIONARY STATEMENTS
(Hazards to Humans and Domestic Animals)
CAUTION

Causes eye and skin irritation. Avoid contact with eyes, skin, or clothing. Avoid breathing dust. Wash thoroughly with soap and water after handling.

#### STATEMENT OF PRACTICAL TREATMENT

IF IN EYES: Flush eyes with plenty of water. Get medical attention if irritations persists. IF ON SKIN: Wash with plenty of soap and water. Get medical attention if irritations persists.

Seller makes no warranty, express or implied, concerning the use of this product other than indicated on the label. Buyer assumes all risk of use and handling of this material.

ALTOSID® is a registered trademark of Sandoz Ltd.

Sandoz Agro, Inc. 1300 East Touhy Avenue Des Plaines, IL 60018

Made in USA

[ ] indicates optional statements

# **ALTOSID® 10% CATTLE PREMIX**

To prevent the breeding of horn flies in the manure of treated cattle

# KEEP OUT OF REACH OF CHILDREN

#### CAUTION

See additional precautionary statements on back of bag.

EPA Reg. No.: 2724-473

EPA Est. No.:

Net Wt.:



#### General Information

ALTOSID 10% Cattle Premix is a premix which, when blended into a cattle ration according to the Directions for Use given below, will control horn flies which develop in cattle manure. ALTOSID 10% Cattle Premix is intended for use only in cattle.

#### **DIRECTIONS FOR USE**

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.

#### Blending and Feeding ALTOSID 10% Cattle Premix

ALTOSIO 10% Cattle Premix interrupts the development of the horn fly in the manure of treated cattle [prevents the breeding of horn flies in the manure of treated cattle][prevents emergence of adult horn flies from the manure of treated cattle]. Begin use in the spring before horn flies appear on cattle and continue feeding until cold weather restricts horn fly activity.

ALTOSID 10% Cattle Premix rations may be fed to beef and dairy cattle, including breeding cattle, lactating cattle, and calves. When used as directed, rations containing ALTOSID 10% Cattle Premix may be fed up to slaughter, and to lactating dairy cows without withholding milk.

This product can be used in complete feeds, concentrates, hand feeds, or mineral supplements.

ALTOSID 10% Cattle Premix is fed to cattle at the level of 340 mg/100 lb body weight/month to achieve horn fly control. This rate is equal to 11.3 mg ALTOSID 10% Cattle Premix/100 lb body weight/day. The calculations in the chart below assume a 1000 pound animal as the head weight; see chart for mixing directions:

FEED PRODUCT	DAILY FEEDING RATE	RATIO OF SUPPLEMENT TO FEEDSTUFFS	ALTOSID 10% Cattle Premix IN SUPPLEMENT mg/lb (%)	ALTOSID 10% Cattle Premix IN FEED mg/lb (%)	GRAMS ALTOSID 10% Cattle Premix/ TON OF FEED PRODUCT g/ton
Complete Feed	2.6 lb/cwt	<b>.</b>	-	4.3 (0.001)	8.7
Supplement or Promix for Preparing Complete Feeds		1:9 1:19 1:39 1:79	44 (0.01) 87 (0.02) 174 (0.04) 348 (0.08)	4.3 (0.001) 4.3 (0.001) 4.3 (0.001) 4.3 (0.001)	87 174 348 696
Complete Feed	3,5 lb/cwt*	-	i	3.2 (0.0007)	6.5
Supplement of Promix for Preparing Complete Feeds	-	1:9 1:19 1:39 1:79	32 (0.007) 65 (0.014) 129 (0.028) 258 (0.056)	3.2 (0.0007) 3.2 (0.0007) 3.2 (0.0007) 3.2 (0.0007)	65 130 260 520
Concentrate Fed with Roughage	1.0 lb/cwt	-	-	11.3 (0.0025)	22.6
Supploment or Premix for Preparing Concentrate Feeds	-	1:9 1:19 1:39 1:79	113 (0.025) 226 (0.05) 452 (0.10) 904 (0.20)	11.3 (0.0025) 11.3 (0.0025) 11.3 (0.0025) 11.3 (0.0025)	226 452 904 1808
Supplement for Hand Feeding	2.0 lb/head 1.5 lb/head 1.0 lb/head 0.5 lb/head	-	57 (0.013) 75 (0.017) 113 (0.025) 226 (0.050)		113 !51 226 452
Mineral Mix	4.0 oz/head 3.0 oz/head 2.0 oz/head 1.0 oz/250 lb 1.0 oz/500 lb	:	452 (0.10) 603 (0.13) 904 (0.20) 452 (0.10) 904 (0.20) 1356 (0.30	-	904 1206 1808 904 1808 2712

Consumption level of total ration formulated for factating dairy cattle at 3.5% body weight intake.

#### Important Note to Feed Mill Operators

- ALTOSID 10% Cattle Premix is a light, fluffy product and therefore, whenever possible, the
  material should be added directly to the mixer. Elevators, long free-fall gravity chutes, etc.
  should be avoided.
- It is critical in order to avoid loss of the low density premix that additions be made under conditions of low air turbulence or flow (shut off exhaust systems during ALTOSID 10% Cattle Premix addition).
- Whenever possible, add the ALTOSID 10% Cattle Premix after the addition of the liquid components and blend to homogeneity.

#### When and How to Use ALTOSID 10% Cattle Premix

Use ALTOSID 10% Cattle Premix to break the life cycle of the horn fly. When fed to cattle, ALTOSID 10% Cattle Premix passes through the digestive system and is deposited throughout the manure. Here it stops the development of immature horn flies, before they can emerge as new adult flies. ALTOSID 10% Cattle Premix does not affect existing adult flies.

Start feeding ALTOSID 10% Cattle Premix early in the spring before horn flies appear. Continue feeding throughout the summer and into the fall until cold weather restricts fly activity.

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Adult horn flies remain feeding on cattle day and night and leave the animal only to lay eggs in freshly passed manure. Without ALTOSID 10% Cattle Premix, eggs hatch and develop in the manure, resulting in a new generation of adult flies. These newly emerged flies may be carried downwind to a neighboring herd. Area wide fly control to include neighboring herds reduces the numbers of migrating flies.

ALTOSID 10% Cattle Premix may be fed up to slaughter and to lactating dairy cows without withholding milk.

#### STORAGE AND DISPOSAL

Storage: Store ALTOSID 10% Cattle Premix in a cool, dry place. Do not contaminate water, food, or feed by storage or disposal.

Disposal: Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

Container Disposal: Completely empty bag into mixer. Dispose of empty bag in a sanitary landfill or by incineration, or by burning if allowed by state and local authorities. If burned, stay out of smoke.

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PRECAUTIONARY STATEMENTS
(Hażards to Humans and Domestic Animals)
CAUTION

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ALTOSID® is a registered trademark of Sandoz Ltd.

Sandoz Agro, Inc. 1300 East Touhy Avenue Des Plaines, IL 60018

Made in USA

I I indicates optional statements

## **ALTOSID® 10% CATTLE PREMIX**

To prevent the breeding of horn flies in the manure of treated cattle

Active Ingredient: Methoprene [Isopropyl (E,E)-11-methoxy-3,7,11-trimethyl-2,4-dodecadienoate]......10.5% Inert Ingredients: .....89.5% Total 100.0%

#### KEEP OUT OF REACH OF CHILDREN

#### CAUTION

See additional precautionary statements on back of bag.

EPA Reg. No.: 2724-473

Net Wt.:

EPA Est, No.:

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ACCEPTED MAY 05 1997 Under the resemblesociated, rungaide, and Rodenticide Act, as amended, for the

#### General Information

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#### DIRECTIONS FOR USE

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.

### Blending and Feeding ALTOSID 10% Cattle Premix

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This product can be used in complete feeds, concentrates, hand feeds, or mineral supplements.

ALTOSID 10% Cattle Premix is fed to cattle at the level of 340 mg/100 lb body weight/month to achieve horn fly control. This rate is equal to 11.3 mg ALTOSID 10% Cattle Premix/100 lb body weight/day. The calculations in the chart below assume a 1000 pound animal as the head weight; see chart for mixing directions:

FEEO PRODUCT	OAILY FEEDING RATE	RATIO OF SUPPLEMENT TO FEEDSTUFFS	ALTOSID 10% Cattle Premix IN SUPPLEMENT mg/lb (%)	ALTOSIO 10% Cattle Premix IN FEED mg/lb (%)	GRAMS ALTOSIO 10% Cattle Premtx TDN OF FEED PRODUCT gifton
Complete Feed	2.6 lb/cwt	•	*	4.3 (0.001)	8.7
Supplement or Premix for Preparing Complete Feeds		1:9 1:19 1:39 1:79	44 (0.01) 8T (0.02) 174 (0.04) 348 (0.08)	4.3 (0.001) 4.3 (0.001) 4.3 (0.001) 4.3 (0.001)	87 174 348 696
Complete Feed	3.5 lb/cwt*			3.2 (0.0007)	6.5
Supplement or Premix for Preparing Complete Feeds	•	1:9 1:19 1:39 1:79	32 (0.007) 65 (0.014) 129 (0.028) 258 (0.056)	3.2 (0.0007) 3.2 (0.0007) 3.2 (0.0007) 3.2 (0.0007)	65 130 260 520
Concentrate Fed with Roughage	1.0 lb/cwl	*	•	11.3 (0.0025)	22.6
Supplement or Promix for Preparing Concentrate Feeds	-	1:9 1:19 1:39 1:T9	113 (0.025) 226 (0.05) 452 (0.10) 904 (0.20)	11.3 (0.0025) 11.3 (0.0025) 11.3 (0.0025) 11.3 (0.0025)	226 452 904 1808
Supplement for Hand Feeding	2.0 lb/head 1.5 lb/head 1.0 lb/head 0.5 lb/head	-	57 (0.013) 75 (0.017) 113 (0.025) 226 (0.050)	-	113 151 226 452
Mineral Mlx	4.0 oz/hoad 3.0 oz/head 2.0 oz/head 1.0 oz/250 lb 1.0 oz/500 lb	- - - - -	452 (0.10) 603 (0.13) 904 (0.20) 452 (0.10) 904 (0.20) 1356 (0.30	-	904 1206 1808 904 1808 2712

Consumption level of total ration formulated for factating dairy cattle at 3.5% body weight intake.

#### Important Note to Feed Mill Operators

- ALTOSID 10% Cattle Premix is a light, fluffy product and therefore, whenever possible, the
  material should be added directly to the mixer. Elevators, long free-fall gravity chutes, etc.
  should be avoided.
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#### When and How to Use ALTOSID 10% Cattle Premix

Use ALTOSID 10% Cattle Premix to break the life cycle of the horn fly. When fed to cattle, ALTOSID 10% Cattle Premix passes through the digestive system and is deposited throughout the manure. Here it stops the development of immature horn flies, before they can emerge as new adult flies. ALTOSID 10% Cattle Premix does not affect existing adult flies.

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ALTOSID 10% Cattle Premix may be fed up to slaughter and to lactating dairy cows without withholding milk.

#### STORAGE AND DISPOSAL

Storage: Store ALTOSID 10% Cattle Premix in a cool, dry place. Do not contaminate water, food, or feed by storage or disposal.

Disposal: Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

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In case of fire,	accident, major	spillage, or	other	emergency,	contact	Sandoz	Agro,	Inc. at
	day or nigh	it.					_	

# PRECAUTIONARY STATEMENTS (Hazards to Humans and Domestic Animals) CAUTION

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Sandoz Agro, Inc. 1300 East Touhy Avenue Des Plaines, IL 60018

Made in USA

( I indicates optional statements

# **ALTOSID® 10% CATTLE PREMIX**

To prevent the breeding of horn flies in the manure of treated cattle

Active Ingredient: Methoprene [Isopropyl (E,E)-11-methoxy-3,7,11-trimethyl-2,4-dodecadienoate]......10.5% Inert Ingredients: \_\_\_\_\_89.5% Total 100.0%

# KEEP OUT OF REACH OF CHILDREN

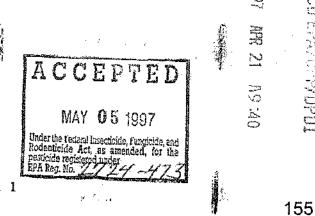
#### CAUTION

See additional precautionary statements on back of bag.

EPA Reg. No.: 2724-473

EPA Est. No.:

Net Wt.:



#### General Information

ALTOSID 10% Cattle Premix is a premix which, when blended into a cattle ration according to the Directions for Use given below, will control horn flies which develop in cattle manure. ALTOSID 10% Cattle Premix is intended for use only in cattle.

#### **DIRECTIONS FOR USE**

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.

#### Blending and Feeding ALTOSID 10% Cattle Premix

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FEED PRODUCT	DAILY FEEDING RATE	RATIO OF SUPPLEMENT TO FEEDSTUFFS	SUPPLEMENT Cattle Premix		GRAMS ALTOSID 10% Cattle Premix/ TON OF FEED PRODUCT gron
Complere Feed	2.6 (b/cwf	-	•	4.3 (0.001)	8.7
Supplement or Premix for Preparing Complete Feeds		1:9 1:19 1:39 1:79	44 (0.01) 87 (0.02) 174 (0.04) 348 (0.08)	4.3 (0.001) 4.3 (0.001) 4.3 (0.001) 4.3 (0.001)	87 174 348 696
Complete Feed	3.5 lb/cwt*	•	-	3.2 (0,0007)	6.5
Supplement or Premix for Preparing Complete Feeds	-	1:9 1:19 1:39 1:79	32 (0.007) 65 (0.014) 129 (0.028) 258 (0.056)	3.2 (0.0007) 3.2 (0.0007) 3.2 (0.0007) 3.2 (0.0007)	65 130 260 520
Concentrate Fed with Roughage	1.0 lb/cwl	•	•	11,3 (0.0025)	22.6
Supplement or Premix for Preparing Concentrate Feeds		1:9 1:19 1:39 1:79	113 (0.025) 226 (0.05) 452 (0.10) 904 (0.20)	11.3 (0.0025) 11.3 (0.0025) 11.3 (0.0025) 11.3 (0.0025)	226 452 904 1808
Supplement for Hand Feeding	2.0 lb/head 1.5 lb/head 1.0 lb/head 0.5 lb/head	-	57 (0.013) 75 (0.017) 113 (0.026) 226 (0.050)		113 151 226 452
Mineral Mix	4.0 oz/head 3.0 oz/head 2.0 oz/head 1.0 oz/250 lb 1.0 oz/500 tb 1.0 oz/750 lb	- - - -	452 (0.10) 503 (0.13) 904 (0.20) 452 (0.10) 904 (0.20) 1356 (0.30	-	904 1206 1808 904 1808 2712

<sup>\*</sup> Consumption sevel of total ration formulated for tactating dairy cattle at 3.5% body weight intake.

#### Important Note to Feed Mill Operators

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ALTOSID 10% Cattle Premix may be fed up to slaughter and to lactating dairy cows without withholding milk.

#### STORAGE AND DISPOSAL

Storage: Store ALTOSID 10% Cattle Premix in a cool, dry place. Do not contaminate water, food, or feed by storage or disposal.

Disposal: Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

Container Disposal: Completely empty bag into mixer. Dispose of empty bag in a sanitary landfill or by incineration, or by burning if allowed by state and local authorities. If burned, stay out of smoke.

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PRECAUTIONARY STATEMENTS
(Hazards to Humans and Domestic Animals)
CAUTION

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#### STATEMENT OF PRACTICAL TREATMENT

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Sandoz Agro, Inc. 1300 East Touhy Avenue Des Plaines, IL 60018

Made in USA

# UNITED STATES ENVIRONMENTAL PROTECTION AGENCY U.S. ENVIRONMENTAL PROTECTION AGENCY Office of Pesticide Programs Registration Division (H7505C) 401 "M" St., S.W. Washington, P.C. 20460 Date of Issuance: 2724-473 Term of Issuance: NOTICE OF PESTICIDE: Unconditional x Registration Reregistration Name of Pesticide Product: (under PIFRA, as amended) ALTOSID 10% CATTLE PREMIX Name and Address of Registrant (include ZIP Code): SANDOZ AGRO, INC. 1300 East Touhy Avenue Des Plaines, Illinois 60018-3300 Note: Charges in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EFA registration number. On the basis of information furnished by the registrant, the above named pesticide is hereby registered/reregistered under the Federal Insecticine, fungicide and Rodenticide Act. Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a perticide is accordence with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others. This product is unconditionally registered in accordance with FIFRA sec. 3(c)(5) provided that you: Submit and/or cite all data required for registration/ reregistration of your product under FIFRA sec. 3(c)(5) when the Agency requires all registrants of similar products to submit such data; and submit acceptable responses required for reregistration of your product under FIFRA section 4. 2. Make the following label changes: a. Revise the EPA Registration Number to read, "EPA Reg. No. 2724-473 ". Signature of Approving Official: tow Z. Chidesa 10/21/96

**************************************				
CONCURRENCES				
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EPA Form 1320-1A (1/90)

Printed on Recycled Paper

#### UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

page 2 EPA Reg. No.

3. Submit five copies of the revised final printed label for the record.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec. 6(e). Your release for shipment of the product constitutes acceptance of these conditions.

A stamped copy of the label is enclosed for your records.

	CONCURRENCES							
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SURHAME	-Wmelson:	10/21/96:	308-8682:	2724-473	methopren	e	# 464# 4 # 4 4 <del>4 4 4 4 4 4 4 4 4 4 4 4 4 4 </del>	***********
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# **ALTOSID® 10% CATTLE PREMIX**

To prevent the breeding of horn flies in the manure of treated cattle

#### KEEP OUT OF REACH OF CHILDREN

#### CAUTION

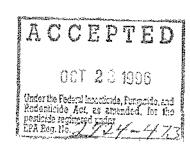
See additional precautionary statements on back of bag.

EPA Reg. No.: 2724-XXX

Net Wt.:

EPA Est. No.:

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This product can be used in complete feeds, concentrates, hand feeds, or mineral supplements.

ALTOSID 10% Cattle Premix is fed to cattle at the level of 340 mg/100 lb body weight/month to achieve horn fly control. This rate is equal to 11.3 mg ALTOSID to% Cattle Premix/100 lb body weight/day. The calculations in the chart below assume a 1000 pound animal as the head weight; see chart for mixing directions:

FEED PRODUCT	DAILY FEEDING RATE	RATIO OF SUPPLEMENT TO FEEDSTUFFS	ALTOSID 10% Cattle Premix IN SUPPLEMENT mg/lb (%)	ALTOSID 10% Cattle Premix 1N FEED mg/lb (%)	GRAMS ALTOSID 10% Cattle Premix! TON OF FEED PRODUCT gron
Complete Feed	2.6 lb/cwt	•		4,3 (0,001)	<b>8.7</b>
Supplement or Premix for Preparing Complete Feeds	-	1:9 1:19 1:39 1:79	44 (0.01) 87 (0.02) 174 (0.04) 348 (0.08)	4.3 (0.001) 4.3 (0.001) 4.3 (0.001) 4.3 (0.001)	87 174 348 696
Complete Feed	3.5 lb/cwt*	-	11 +	3.2 (0.0007)	6.5
Supplement or Premix for Preparing Complete Feeds	-	1:9 1:19 1:39 1:79	32 (0.007) 65 (0.014) 129 (0.028) 256 (0.056)	3.2 (0.9007) 3.2 (0.9007) 3.2 (0.9007) 3.2 (0.9007)	65 130 260 520
Concentrate Fed with Roughage	1.0 lb/cwt			11.3 (0.0025)	22.6
Supplement or Premix for Preparing Concentrate Feeds	-	1:9 1:19 1:39 1:79	113 (0.025) 226 (0.05) 452 (0.10) 904 (0.20)	11.3 (0.0025) 11.3 (0.0025) 11.3 (0.0025) 11.3 (0.0025)	226 452 904 1808
Supplement for Hand Feeding	2.0 lb/head 1.5 lb/head 1.0 lb/head 0.5 lb/head	-	57 (0.013) 75 (0.017) 113 (0.025) 226 (0.050)	-	113 151 226 452
Mineral Mix	4.0 oz/head 3.0 oz/head 2.0 oz/head 1.0 oz/250 lb 1.0 oz/500 lb 1.0 oz/750 lb		452 (0.10) 603 (0.13) 904 (0.20) 452 (0.10) 904 (0.20) 1356 (0.30)		904 1206 1808 904 1809 2712

Consumption level of total ration formulated for lactaling dairy cattle at 3.5% body weight intake.

#### Important Note to Feed Mill Operators

- ALTOSID 10% Cattle Premix is a light, fluffy product and therefore, whenever possible, the
  material should be added directly to the mixer. Elevators, long free-fall gravity chutes, etc.
  should be avoided.
- It is critical in order to avoid loss of the low density premix that additions be made under conditions of low air turbulence or flow (shut off exhaust systems during ALTOSID 10% Cattle Premix addition).
- Whenever possible, add the ALTOSID 10% Cattle Premix after the addition of the liquid components and blend to homogeneity.

#### When and How to Use ALTOSID 10% Cattle Premix

Use ALTOSID 10% Cattle Premix to break the life cycle of the horn fly. When fed to cattle, ALTOSID 10% Cattle Premix passes through the digestive system and is deposited throughout the manure. Here it stops the development of immature horn flies, before they can emerge as new adult flies. ALTOSID 10% Cattle Premix does not affect existing adult flies.

Start feeding ALTOSID 10% Cattle Premix early in the spring before horn flies appear. Continue feeding throughout the summer and into the fall until cold weather restricts fly activity.

If significant numbers of adult horn flies are already present when ALTOSID 10% Cattle Premix is introduced, it may take 3 to 5 weeks for an effect on the adult horn fly population to be clearly observed. For fast relief from existing fly burdens, consider the use of adulticide sprays, dusts, back-rubbers, or pour-ons.

Adult horn flies remain feeding on cattle day and night and leave the animal only to lay eggs in freshly passed manure. Without ALTOSID 10% Cattle Premix, eggs hatch and develop in the manure, resulting in a new generation of adult flies. These newly emerged flies may be carried downwind to a neighboring herd. Area wide fly control to include neighboring herds reduces the numbers of migrating flies.

ALTOSID 10% Cattle Premix may be fed up to slaughter and to lactating dairy cows without withholding milk.

#### STORAGE AND DISPOSAL

Storage: Store ALTOSID 10% Cattle Premix in a cool, dry place. Do not contaminate water, food, or feed by storage or disposal.

Disposal: Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

Container Disposal: Completely empty bag into mixer. Dispose of empty bag in a sanitary landfill or by incineration, or by burning if allowed by state and local authorities. If burned, stay out of smoke.

In case of fire, accident, major spillage, or other emergency, contact Sandoz Agro, Inc. at day or night.

PRECAUTIONARY STATEMENTS
(Hazards to Humans and Domestic Animals)
CAUTION

Causes eye and skin irritation. Avoid contact with eyes, skin, or clothing. Avoid breathing dust. Wash thoroughly with soap and water after handling.

#### STATEMENT OF PRACTICAL TREATMENT

IF IN EYES: Flush eyes with plenty of water. Get medical attention if irritations persists. IF ON SKIN: Wash with plenty of soap and water. Get medical attention if irritations persists.

Seller makes no warranty, express or implied, concerning the use of this product other than indicated on the label. Buyer assumes all risk of use and handling of this material.

ALTOSID® is a registered trademark of Sandoz Ltd.

Sandoz Agro, Inc. 1300 East Touhy Avenue Des Plaines, IL 60018

Made in USA

#### <u>UNITED STATES ENVIRONMENTAL PROTECTION AGENCY</u>



U.S. ENVIRONMENTAL PROTECTION AGENCY Office of Pesticide Programs Registration Division (H7505C) 401 "M" St., S.W. Washington, D.C. 20460

2724-473

Date of Issuance:

NOTICE OF PESTICIDE:

x Registration \_\_\_ Reregistration Term of Issuance:

Unconditional

Name of Pesticide Product:

ALTOSID 10% CATTLE PREMIX

(under FIFRA, as amended)

Name and Address of Registrant (include SIP Code(:

SANDOZ AGRO, INC.

1300 East Touhy Avenue

Des Plaines, Illinois 60018-3300

Note: Charges in labeling differing in substance from that accepted in connection with this registration count be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.

On the basis of information furnished by the regiotrant, the above named posticide is hereby registered/reregistered under the Federal Insecticide, Fungicide and Rodenticide Act. registration is in no way to be construed as an endousement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be romanted as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product is unconditionally registered in accordance with FIFRA sec. 3(c)(5) provided that you:

- Submit and/or cite all data required for registration/ reregistration of your product under FIFRA sec. 3(c)(5) when the Agency requires all registrants of similar products to submit such data; and submit acceptable responses required for reregistration of your product under FIFRA section 4.
  - 2. Make the following label changes:
    - a. Revise the EPA Registration Number to read, "EPA Reg. No. 2724-473 ".

Signstone of Approving Official: Dates 10/21/96

	COHCURRENCES							
SYMBOL	750 IN							
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EPA Form 1920-1A (1/90)

Printed on Recycled Paper

# UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

page 2 EPA Reg. No.

3. Submit five copies of the revised final printed label for the record.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec. 6(e). Your release for shipment of the product constitutes acceptance of these conditions.

A stamped copy of the label is enclosed for your records.

CONCURRENCES								
SYMBOL )								
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DATE }	) 	*************	*************	************	*************	*************	***************************************	68

EPA Form 1320-1A (1/90)

Printed on Recycled Paper



U.S. ENVIRONMENTAL PROTECTION AGENCY Office of Pesticide Programs Registration Division (B7505C) 401 "H" St., S.W. Washington, D.C. 20460

Reregistration

<u>x</u> Registration

NOTICE OF PESTICIDE:

2724-473

EPA Reg.

Date of Issuance:

Term of Issuance:

Unconditional

Name of Pesticide Product:

ALTOSID 10% CATTLE PREMIX

(under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code):

SANDOZ AGRO, INC. 1300 East Touhy Avenue Des Plaines, Illinois 60018-3300

Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above SFA regiscration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby registered/retegistered under the Federal Insecticide, fungicide and Rodenticide Act. Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his ection, may at any time suspend or cancel the registration of a pesticide In accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product is unconditionally registered in accordance with FIFRA sec. 3(c)(5) provided that you:

- 1. Submit and/or cite all data required for registration/ reregistration of your product under FIFRA sec. 3(c)(5) when the Agency requires all registrants of similar products to submit such data; and submit acceptable responses required for reregistration of your product under FIFRA section 4.
  - Make the following label changes:
    - a. Revise the EPA Registration Number to read, "EPA Reg. No. 2724-473".

Signature of Approving Official:

Jane Z. Audusa

Date

. 10/21/26 page 2 EPA Reg. No.

3. Submit five copies of the revised final printed label for the record.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec. 6(e). Your release for shipment of the product constitutes acceptance of these conditions.

A stamped copy of the label is enclosed for your records.



#### CORPORATE HEADQUARTERS

TEL 847,699,1616

Office of Pesticide Programs (7504C)
U.S. Environmental Protection Agency
Crystal Station - 5th Floor
2805 Jefferson Davis Highway
Arlington, VA 22202

September 19, 1996

Attn; Mr. Willie Nelson

Subject: Custom Blending of ALTOSID 10% Cattle Premix

New End-Use Product Registration

Dear Mr. Nelson:

In response to an undated August 1996 letter from Janet Anderson regarding our ALTOSID CP-10 Custom Blending submission of July 23, 1996, please find enclosed a "no-data" submission for a new end-use product registration for ALTOSID 10% Cattle Premix which will allow custom-blending into cattle feed to control horn flies.

Blending instructions for ALTOSID 10% Cattle Premix have been included on the labeling to provide detailed directions as to how the product will be mixed and used. The composition of ALTOSID 10% Cattle Premix is identical to the composition of the formulating intermediate ALTOSID CP-10 (EPA Reg. No. 2724-367). The name has been changed to differentiate the formulating-use product from the end-use product. It is my understanding that a new EPA Registration Number will be assigned to the end-use product ALTOSID 10% Cattle Premix. Precautionary statements appropriate for the signal word CAUTION have been added to the end-use product label which never appeared on the formulating-use product label.

Included with this submission is the following documentation:

- Application for Pesticide Registration EPA Form 8570-1
- 5 copies of revised labeling

 Updated CSF (note that an identical CSF will be submitted under separate cover for ALTOSID CP-10 as part of Phase 5 of the methoprene reregistration process).

We hope that you will consider this new product application for expedited review since the formulating-use product and end-use product are identical and previous correspondence with EPA indicated that revised end-use product labeling with blending directions was all that was required to approve this product for custom-blending.

Please contact me at (847) 390-3007 if you have any questions.

Yours Sincerely, SANDOZ AGRO, Inc.

Steven R. Spaulding

Manager, Regulatory Affairs

TR Spaulding

Consumer and Animal Health Products

cc: F. Jusich

G. Lindahl

Plassa rasd instructions on reverse before completing form.	Form Aper	oved, OMB No. 207	10-0050, Approvel expires 05-31-98		
United States  Environmental Protection A  Washington, DC 20480	\gency	Registrat Amendm Other	ion OPP Identifier Number 243422		
	or Pesticide - Sec	+			
1. Cempany/Product Number	2. EPA Product Man	ager	3. Proposed Classification		
SANDOZ AGRO, INC./2724-UTG	P. Hutton	<u></u>	X None Restricted		
4. Company/Product (Namel SANDOZ AGRO, INC./ALTOSID 10% Cattle Premi:	x 90	· · · · · · · · · · · · · · · · · · ·			
5. Name and Address of Applicant Include ZIP Code)  Sandoz Agro, Inc.  1300 E. Touhy Ave.  Des Plaines, IL 60018  Check if this is a new address	6. Expedited Review. In accordance with FIFRA Section 3(c)(3) (b)(i), my product is similar or identical in composition and labeling to:  EPA Reg. No. 2724-367				
	Product Name _ Section - II		-10 		
Amendment - Explain below.  Resubmission in response to Agency letter dated	Final prints Agency lett "Me Top" Other - Exp	Application.	6 P P P P P P P P P P P P P P P P P P P		
	Section - III				
1. Material This Product Will Be Packaged In:		<del></del>			
Child-Resistant Packaging Unit Packaging Wes Yes No. per It	Yes  No  "Yes"  ackage wgt  No. per containe	2. Typs of C	ontainer  Metal Plestic Glass Paper Other (Specify)		
3. Location of Not Contents Information 4. Size(s) Retail C    X   Label		5. Location of Labe Con Label On Labelin	l Directions ng secompanying product		
6. Manner in Which Label is Affixed to Product  Lithograph Paper glue Stoncied	d Otive	ır	terminantification and the second		
	Section - IV	<u></u>	terretario de la compansión de la compan		
1. Contact Point iComplete items directly below for identification of	<del> </del>	. if necessary, to pro	cass this application.)		
Name	<del></del>		Felophone No. (Include Area Code) (847)390-3007		
Certification I certify that the statements I have made on this form and all a I acknowledge that any knowingly false or mislaeding statement both under applicable law.	attechments thereto ere tru				
2. Signature 3. Ti	îde				
Sk Spaulding Ma	nager, Regulatory	y Affairs			
4. Typed Name 5. D Steven R. Spaulding	19 Septem	wn 1996	173		

#### PAPERWORK REDUCTION ACT NOTICE and INSTRUCTIONS

PAPERWORK REDUCTION ACT NOTICE: Public reporting burden for this collection of Information is estimated to average 0.85 hour per response, including time for reviewing instructions, searching existing dots sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to Chief, Information Policy Brench, (2136), U.S. Environmental Proteotion Agency, 401 M Street, SW. Washington, DC 20460.

INSTRUCTIONS: This form is to be used for all applications for new registration, and use reregistration, amendment, resubmission, to applications for notifications, final printed labeling, reregistration, etc. In order to process an application for a new registration submitted on this form, the following material must accompany the application:

- 1. Cartification with Respect to Citation of Data IEPA Form 8570-29). (If not exempted by 40 CFR 152.81 (b) (4)):
- 2. Confidential Statement of Formula (EPA Form 2570-4);
- 3. Formularor's Exemption Statement (EPA Form 8570-27);
- 4. Five copies of draft labeling;
- 5. Three copies of any data submitted;
- 8. Authorization lotter where applicable;
- 7. Matriceo where applicable.

Submission of Labeling - Labeling should first be submitted in the form of draft labels with all applications for new registration. Such draft labels may be in the form of typed lobel text on 8.5 x 1 t inch paper far submission or a mockup of the proposed label. If prepared for mockup, it should be constructed in a way as to facilitate storage in an 8.5 x 1 t inch file. Mockup labels significantly smaller than 8.5 x 1 t inches should be mounted on 8.5 x 1 t inch paper for submission.

Submission of Data - Data submitted in support of this application must be submitted in accordance with PR Notice 86-5.

SPECIFIC INSTRUCTIONS: Please read the instructions listed below before completing this application. First determine the type of registration action, listed in Block A, for which you are submitting this application. For applications submitted in connection with New Registration actions, Sections I, III, and IV must be completed by the applicant. For applications submitted in connection with amended reregistration actions, resubmissions, notifications, reregistrations, etc., Sections I, II, and IV must be completed by the applicant.

Block A - Chock the appropriate action for which you are submitting this form.

SECTION 1 - This section must be completed, as applicable, for all registration actions.

- t. Company/Product Number Insert your Company Number, if one has been assigned by EPA. This number may have been assigned to you as a basic registrant, a distributor, or as an establishment. If your product is registered, insert the Product Number.
- EPA Product Manager If known, fill in the name and PM number of the EPA Product Manager.
- 3. Proposed Classification Specify the proposed classification of this product.
- 4. Product Name Enjer the complete product name of this posticide as it will appear on the label. The name must be specific to this product only. Duplication of names is not permitted among products of the same company. Do not include any brand name or company line designations.
- 5. Name and Address of Applicant. The name of the firm or person and address shown in your application is the porson or firm to whom the registration will be issued. If you are eating in behalf of another party, you must submit authorization from that party to act for thom in registration matters. An applicant not residing in the United States must have an authorized agent residing in the United States to act for them in all registration matters. The name and complete mailing address of such an agent must accompany this application.
- 6. Expedited Review FIFRA section 3 (c) 3 (B) provides for expedited raview of applications for registration, or amendments to existing registration that are similar or identical to other pesticide products that are currently registered with the EPA. In order for your application to be eligible for expedited review, you must provide us with the EPA Registration Number and product name of the product you believe is similar to or identical your product. The product must be similar or identical in both formulation and labeled uses.

SECTION II - This section must be completed for all applications submitted to amend the registration only of a currently registered product (Amendment), for a resubmission in response to an Agency letter, for notifications to the Agency, for the submission of final printed labeling, for reregistration and for any other action that partains to a specific EPA-registered product. This section is not to be used for a new application for registration.

3. Subject of submission - Check the applicable block and provide the Agency letter dote if appropriate. Provide a brief explonation of the purposals for the submission, such as "the addition of a site, past or crop (specify)"; "amend the Confidential Statement of Formula by..."; "reregistration submission"; "general label revision of use directions," Attach a separate page if additional space is needed.

SECTION III Packaging and Container Information) - This Section must be completed for all applications submitted in connection with new registration or applicable amendments.

- Type of Packaging Check the appropriate block if your product will be packaging in the indicated packaging types.
   Indicate the size of the individual packets and number per retail container.
- 2. Type of Rotali Container Indicate type of conrolner in which product will be marketed.
- 3. Location of Net Contents Indicate the location of the net contents information for your product,
- 4. Size(s) of Retail Container Specify the net contents of all rotail containers for your product.
- 5. Location of Use Directions Indicate the location of the use directions for your product.
- 6. Manner in which label is affixed to product indicated the neathed product label is attached to retail container.

SECTION IV (Contact Point) - This Section must be completed for all applications for Registration actions, i.e., new products registration, resubmission, "me-too," reregistration, etc.

- 1-5. Self-explanatory.
- 6. EPA Use Only.

Post Aprile



United States Environmental Protection Agency Washington, DC 20460

# Formulator's Exemption Statement

(40 CFR 152.85)

Applicant's Name and Address	EPA File Symbol/Registration Number
SANDOZ AGRO, INC.	2724- UTG
1300 E. Touhy Ave.	Product Name
Des Plaines, IL 60018	ALTOSID 10% Cattle Premix
	Date of Confidential Statement of Formula (EPA Form 8570-4)
	October 1, 1996

As an authorized representative of the applicant for registration of the product identified above, I here certify that:

(1)	This	product	contains	the	following	active	ingredient(s):
-----	------	---------	----------	-----	-----------	--------	----------------

Metho	pr	en	e
-------	----	----	---

- Of these, each active ingredient listed in paragraph (4) is present solely as the result of the use of that active ingredient in the manufacturing, formulation or repackaging of another product which contains that active ingredient, which is registered under FIFRA Section 3, is purchased by us from another producer, and is labeled for at least each use for which my product is proposed to be labeled.
- (3) Indicate by checking (A) or (B) below which paragraph applies:
- X (A) An accurate Confidential Statement of Formula (EPA Form 8570-4) for the above identified product is attached to this statement. That formula statement indicate, by company name, registration number, and product name, the source of the active ingredient(s) listed in paragraph (1).

- (B) The Confidential Statement of Formula ICSFI [EPA Form 8570-4] referenced above and on file with the EPA is complete, current, and accurate and contans the information required on the current CSF.
- 4) The following active ingredients in this product qualify for the formulator's exemption.

	Source					
Active Ingredient	Product Neme	Registration Number				
Methoprene (10.5% by wt.)	ALTOSID CP-10	2724-367				
	Formulations Exemption	RECD LEAR OF 9/0PD.				
Signature SR Spanding	Name and Title Steven R. Spaulding, Manager, Regulatory Affairs	Date Oct 1 1991				

EPA Form 8570-27 (Ray 7-91)

White - EPA copy

Yellow - Applicant copyl / O

# **ALTOSID® 10% CATTLE PREMIX**

To prevent the breeding of horn flies in the manure of treated cattle

#### KEEP OUT OF REACH OF CHILDREN

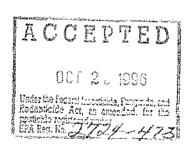
#### CAUTION

See additional precautionary statements on back of bag.

EPA Reg. No.: 2724-XXX EPA Est. No.:

Net Wt.:

6.81 6-13 98.



# General Information

ALTOSID 10% Cattle Premix is a premix which, when blended into a cattle ration according to the Directions for Use given below, will control horn flies which develop in cattle manure. ALTOSID 10% Cattle Premix is intended for use only in cattle.

#### **DIRECTIONS FOR USE**

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.

## Blending and Feeding ALTOSID 10% Cattle Premix

ALTOSID 10% Cattle Premix interrupts the development of the horn fly in the manure of treated cattle [prevents the breeding of horn flies in the manure of treated cattle][prevents emergence of adult horn flies from the manure of treated cattle]. Begin use in the spring before horn flies appear on cattle and continue feeding until cold weather restricts horn fly activity.

ALTOSID 10% Cattle Premix rations may be fed to beef and dairy cattle, including breeding cattle, lactating cattle, and calves. When used as directed, rations containing ALTOSID 10% Cattle Premix may be fed up to slaughter, and to lactating dairy cows without withholding milk.

This product can be used in complete feeds, concentrates, hand feeds, or mineral supplements.

ALTOSID 10% Cattle Premix is fed to cattle at the level of 340 mg/100 lb body weight/month to achieve horn fly control. This rate is equal to 11.3 mg ALTOSID 10% Cattle Premix/100 lb body weight/day. The calculations in the chart below assume a 1000 pound animal as the head weight; see chart for mixing directions:

FEED PRODUCT	DAILY FEEDING RATE	RATIO OF SUPPLEMENT TO FEEDSTUFFS	ALTOSID 10% Cattle Premix IN SUPPLEMENT mg/lb (%)	ALTOSID 10% Cettle Premix IN FEED mg/lb (%)	GRAMS ALTOSID 10% Cattle Premix/ TON OF FEED PRDDUCT gfton
Complete Feed	2,6 lb/cwt	•	-	4.3 (0.00t)	8,7
Supplement or Premix for Preparing Complete Feeds	-	t:9 1:19 1:39	44 (0.01) 87 (0.02) 174 (0.04)	4.3 (0.001) 4.3 (0.001) 4.3 (0.001)	87 174 348
Complete Feed	3.5 lb/cwt*	t:79	348 (0.08)	4.3 (0,001) 3.2 (0,0007)	696
Supplement or Premix for Preparing Complete Feeds	3,3 10 CW	t:8 1: t9 t:39 t:79	32 (0.007) 65 (0.014) 129 (0.028) 258 (0.056)	3.2 (0.0007) 3.2 (0.0007) 3.2 (0.0007) 3.2 (0.0007)	65 f30 260 520
Concentrate Fed with Roughage	t.0 lb/cwt	-	•	11.3 (0.0025)	22.6
Supplement or Premix for Preparing Concentrate Feeds		t:9 1:f9 t:39 t:79	113 (0.025) 225 (0.05) 452 (0.10) 904 (0.20)	ff.3 (0.0025) ff.3 (0.0025) ft.3 (0.0025) f1.3 (0.0025)	228 452 904 1808
Supplement for Hand Feeding	2.0 lb/head 1.5 lb/head 1.0 lb/head 0.5 lb/head	-	57 (0.013) 75 (0.017) 113 (0.025) 228 (0.050)	-	113 151 226 452
Mineral Mix	4.0 oz/head 3.0 oz/head 2.0 oz/head f.0 oz/250 lb t.0 oz/500 lb	: : :	452 (0.10) 603 (0.13) 904 (0.20) 452 (0.10) 904 (0.20) 1356 (0.30	- - - - -	904 f206 1608 904 1808 2712

Consumption level of total ration /ormulated for lactating dairy cattle at 3.5% body weight intake.

# Important Note to Feed Mill Operators

- ALTOSID 10% Cattle Premix is a light, fluffy product and therefore, whenever possible, the material should be added directly to the mixer. Elevators, long free-fall gravity chutes, etc. should be avoided.
- It is critical in order to avoid loss of the low density premix that additions be made under conditions of low air turbulence or flow (shut off exhaust systems during ALTOSID 10% Cattle Premix addition).
- Whenever possible, add the ALTOSID 10% Cattle Premix after the addition of the liquid components and blend to homogeneity.

# When and How to Use ALTOSID 10% Cattle Premix

Use ALTOSID 10% Cattle Premix to break the life cycle of the horn fly. When fed to cattle, ALTOSID 10% Cattle Premix passes through the digestive system and is deposited throughout the manure. Here it stops the development of immature horn flies, before they can emerge as new adult flies. ALTOSID 10% Cattle Premix does not affect existing adult flies.

Start feeding ALTOSID 10% Cattle Premix early in the spring before horn flies appear. Continue feeding throughout the summer and into the fall until cold weather restricts fly activity.

If significant numbers of adult horn flies are already present when ALTOSID 10% Cattle Premix is introduced, it may take 3 to 5 weeks for an effect on the adult horn fly population to be clearly observed. For fast relief from existing fly burdens, consider the use of adulticide sprays, dusts, back-rubbers, or pour-ons.

Adult horn flies remain feeding on cattle day and night and leave the animal only to lay eggs in freshly passed manure. Without ALTOSID 10% Cattle Premix, eggs hatch and develop in the manure, resulting in a new generation of adult flies. These newly emerged flies may be carried downwind to a neighboring herd. Area wide fly control to include neighboring herds reduces the numbers of migrating flies.

ALTOSID 10% Cattle Premix may be fed up to slaughter and to lactating dairy cows without withholding milk.

#### STORAGE AND DISPOSAL

Storage: Store ALTOSID 10% Cattle Premix in a cool, dry place. Do not contaminate water, food, or feed by storage or disposal.

Disposal: Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

Container Disposal: Completely empty bag into mixer. Dispose of empty bag in a sanitary landfill or by incineration, or by burning if allowed by state and local authorities. If burned, stay out of smoke.

In case of fire, accident, major spillage, or other emergency, contact Sandoz Agro, Inc. at day or night.

PRECAUTIONARY STATEMENTS
(Hazards to Humans and Domestic Animals)
CAUTION

Causes eye and skin irritation. Avoid contact with eyes, skin, or clothing. Avoid breathing dust. Wash thoroughly with soap and water after handling.

### STATEMENT OF PRACTICAL TREATMENT

IF IN EYES: Flush eyes with plenty of water. Get medical attention if irritations persists. IF ON SKIN: Wash with plenty of soap and water. Get medical attention if irritations persists.

Seller makes no warranty, express or implied, concerning the use of this product other than indicated on the label. Buyer assumes all risk of use and handling of this material.

ALTOSID® is a registered trademark of Sandoz Ltd.

Sandoz Agro, Inc. 1300 East Touhy Avenue Des Plaines, IL 60018

Made in USA

[] indicates optional statements

# **ALTOSID® 10% CATTLE PREMIX**

To prevent the breeding of horn flies in the manure of treated cattle

# KEEP OUT OF REACH OF CHILDREN CAUTION

See additional precautionary statements on back of bag.

EPA Reg. No.: 2724-XXX

Net Wt.:

ACCEPTED

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Under the Federal Incomings, for states, and Rodenticide Act, as amongod for the postable registered under the LPA Best No. 17724 -423

\$ 2

EPA Est. No.:

RECO EPA/SPP/OPOL

#### General Information

ALTOSID 10% Cattle Premix is a premix which, when blended into a cattle ration according to the Directions for Use given below, will control horn flies which develop in cattle manure. ALTOSID 10% Cattle Premix is intended for use only in cattle.

#### **DIRECTIONS FOR USE**

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.

### Blending and Feeding ALTOSID 10% Cattle Premix

ALTOSID 10% Cattle Premix interrupts the development of the horn fly in the manure of treated cattle [prevents the breeding of horn flies in the manure of treated cattle][prevents emergence of adult horn flies from the manure of treated cattle]. Begin use in the spring before horn flies appear on cattle and continue feeding until cold weather restricts horn fly activity.

ALTOSID 10% Cattle Premix rations may be fed to beef and dairy cattle, including breeding cattle, lactating cattle, and calves. When used as directed, rations containing ALTOSID 10% Cattle Premix may be fed up to slaughter, and to lactating dairy cows without withholding milk.

This product can be used in complete feeds, concentrates, hand feeds, or mineral supplements.

ALTOSID 10% Cattle Premix is fed to cattle at the level of 340 mg/100 lb body weight/month to achieve horn fly control. This rate is equal to 11.3 mg ALTOSID 10% Cattle Premix/100 lb body weight/day. The calculations in the chart below assume a 1000 pound animal as the head weight; see chart for mixing directions:

FEED PRODUCT	DAILY FEEOING RATE	RATIO OF SUPPLEMENT TO FEEOSTUFFS	ALTOSID 10% Cattle Premix IN SUPPLEMENT mg/lb (%)	ALTOSID 10% Cattle Premix IN FEED mg/lb (%)	GRAMS ALTOSID 10% Cattle Premix/ TON OF FEED PRODUCT giton
Complete Feed	2.6 lb/cwt			4,3 (0.001)	6.7
Supplement or Premix		1:9	44 (0.01)	4.3 (0.001)	87
for Preparing	-	1:19	87 (0.02)	4.3 (0.001)	174
Complete Feeds	-	1:39	174 (0.04)	4.3 (0.001)	348
		1:79	348 (0.08)	4.3 (0.001)	596
Complete Feed	3.5 lb/cwt*	·	<u>*</u>	3.2 (0.0007)	6.5
Supplement of Premix	-	1:9	32 (0.007)	3.2 (0.0007)	65
for Preparing	-	1:19	85 (0,014)	3,2 (0,0007)	130
Complete Feeds	,	1:39	129 (0.028)	3.2 (0.0007)	260
·		1:79	259 (0,056)	3.2 (0.0007)	520
Concentrate Fed	1.0 lb/cwt	- "	*	11.3 (0.0025)	22.6
with Roughage		1 1			ļ
Supplement or Premix	-	1:9	113 (0.025)	11.3 (0.0025)	226
for Preparing	-	1:19	228 (0.05)	11.3 (0.0025)	452
Concentrate Feeds	-	1:39	452 (0.10)	11.3 (0.0025)	904
	-	1:79	904 (0.20)	11,3 (0,0025)	1808
Supplement for	2.0 lb/head		57 (0.013)	-	113
Hand Feeding	1,5 lb/head	] . ]	75 (0,017)	-	151
	1.0 lb/head	- 1	113 (0.025)	,	226
	0.5 lb/head	- 1	226 (0.050)	_	452
Mineral Mix	4.0 oz/head	-	452 (0.10)		904
	3.0 oz/head		603 (0.13)	-	1206
	2.0 oz/head		904 (0.20)	-	1808
	1.P oz/250 lb	_	452 (0.1p)	-	904
	1.0 oz/500 lp		904 (0.20)	•	1808
	1.0 oz/750 lb		1356 (0.30		2712

Consumption level of total ration formulated for factating dairy cattle at 3.5% body weight intake.

# Important Note to Feed Mill Operators

- ALTOSID 10% Cattle Premix is a light, fluffy product and therefore, whenever possible, the material should be added directly to the mixer. Elevators, long free-fall gravity chutes, etc. should be avoided.
- It is critical in order to avoid loss of the low density premix that additions be made under conditions of low air turbulence or flow (shut off exhaust systems during ALTOSID 10% Cattle Premix addition).
- Whenever possible, add the ALTOSID 10% Cattle Premix after the addition of the liquid components and blend to homogeneity.

#### When and How to Use ALTOSID 10% Cattle Premix

Use ALTOSID 10% Cattle Premix to break the life cycle of the horn fly. When fed to cattle, ALTOSID 10% Cattle Premix passes through the digestive system and is deposited throughout the manure. Here it stops the development of immature horn flies, before they can emerge as new adult flies. ALTOSID 10% Cattle Premix does not affect existing adult flies.

Start feeding ALTOSID 10% Cattle Premix early in the spring before horn flies appear. Continue feeding throughout the summer and into the fall until cold weather restricts fly activity.

If significant numbers of adult horn flies are already present when ALTOSID 10% Cattle Premix is introduced, it may take 3 to 5 weeks for an effect on the adult horn fly population to be clearly observed. For fast relief from existing fly burdens, consider the use of adulticide sprays, dusts, back-rubbers, or pour-ons.

Adult horn flies remain feeding on cattle day and night and leave the animal only to lay eggs in freshly passed manure. Without ALTOSID 10% Cattle Premix, eggs hatch and develop in the manure, resulting in a new generation of adult flies. These newly emerged flies may be carried downwind to a neighboring herd. Area wide fly control to include neighboring herds reduces the numbers of migrating flies.

ALTOSID 10% Cattle Premix may be fed up to slaughter and to lactating dairy cows without withholding milk.

#### STORAGE AND DISPOSAL

Storage: Store ALTOSID 10% Cattle Premix in a cool, dry place. Do not contaminate water, food, or feed by storage or disposal.

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PRECAUTIONARY STATEMENTS
(Hazards to Humans and Domestic Animals)
CAUTION

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To prevent the breeding of horn flies in the manure of treated cattle

# KEEP OUT OF REACH OF CHILDREN CAUTION

See additional precautionary statements on back of bag.

EPA Reg. No.: 2724-XXX EPA Est. No.:

Net Wt.:

#### General Information

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Complete Feed	2.6 lb/cwt			4.3 (0.001)	8.7
Supplement or Premix for Preparing Complete Feeds	-	1:9 1:19 1:39 1:79	44 (0.01) 87 (0.02) 174 (0.04) 348 (0.09)	4.3 (0.001) 4.3 (0.001) 4.3 (0.001) 4.3 (0.001)	87 174 348 696
Complete Feed	3,5 lb/cwt*			3.2 (0.0007)	6.5
Supplement or Premix for Preparing Complete Feeds	-	1:9 t:19 1:39 1:79	32 (0.007) 65 (0.014) 129 (0.028) 258 (0.056)	3.2 (0.0007) 3.2 (0.0007) 3.2 (0.0007) 3.2 (0.0007)	65 130 260 520
Concentrate Fed with Roughage	1.0 lb/cwt	-	-	11.3 (0.0025)	22.6
Supplement or Premix for Preparing Concentrate Feeds	*	1:9 1:19 1:39 1:79	113 (0.025) 226 (0.05) 452 (0.10) 904 (0.20)	11.3 (0.0025) 11.3 (0.0025) 11.3 (0.0025) 11.3 (0.0025)	226 452 904 1808
Supplement for Hand Feeding	2,0 lb/head t.5 lb/head 1,0 lb/head 0.5 lb/head		57 (0.013) 75 (0.017) 113 (0.025) 226 (0.050)	÷ ;	113 151 226 452
Mineral Mix	4.0 oz/head 3.0 oz/head 2.0 oz/head 1.0 oz/250 ib 1.0 oz/500 ib 1.0 oz/750 ib	-	452 (0.10) 603 (0.13) 904 (0.20) 452 (0.10) 904 (0.20) 1356 (0.30	-	904 1206 1808 904 1808 2712

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In case of fire	, accident,	major	spillage,	or other	emergency,	contact	Sandoz	Agro,	inc.	at
	day	or nigh	nt.							

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